

PROSCAN

USER MANUAL

MODEL PS8600P

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK). NO USER-SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



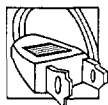
This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.



This symbol indicates important instructions accompanying the product.

CAUTION: DVD PLAYERS USE A VISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE PLAYER CORRECTLY AS INSTRUCTED.

CAUTIONS



Caution: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Attention: Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

This product satisfies FCC regulations when shielded cables and connectors are used to connect the unit to other equipment. To prevent electromagnetic interference with electric appliances, such as radios and televisions, use shielded cables and connectors for connections.

FCC NOTE (for U.S.A.):

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect this equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Product Registration

Please fill out the product registration card and return it immediately. Returning this card allows us to contact you if needed.

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you need them. The numbers are located on the back of the player.

Model No. **PS8600P**

Serial No. _____

Purchase Date: _____

Dealer/Address/Phone: _____

WARNING

To reduce the risk of fire or shock hazard, do not expose this DVD player to rain or moisture.

CAUTION

THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

Note:

This unit can be used only where the power supply is AC 120 V, 50-60Hz. It cannot be used elsewhere.

Note:

This DVD player is designed and manufactured to respond to the Locale Management Information. If the Locale number of a DVD disc does not correspond to the Locale number of this DVD player, this DVD player cannot play the disc. The Locale number for this DVD player is Locale #1.

Note:

This device is protected by U.S. patent numbers 4,631,603 and 4,577,216 and 4,819,098 and other intellectual property rights. The use of Macrovision's copy protection technology in the device must be authorized by Macrovision and is intended for home and other limited pay-per-view uses only, unless otherwise authorized in writing by Macrovision. Reverse engineering or disassembly is prohibited.

**CLASS 1
LASER
PRODUCT**

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Before You Begin

THERE'S ALWAYS A CATCH

Because DVD is a new technology, we recommend that you take some time right now to read through this manual and familiarize yourself with the player.

I KNOW, YOU REALLY WANT TO GET GOING

I know that you'd rather use your DVD player than read about it, so I've divided this manual up into sections that address how to use each type of disc that you can play on your player: DVDs, Audio CDs, and Video CDs. So, you don't have to read all of the book at once.

READ THE FIRST TWO SECTIONS FIRST

The first two sections, "Before You Begin" and "Connections" include key information to get you started in the right direction. I suggest that you read at least these two sections before you do anything; then you can go back to the sections that discuss the features as you want to use them.

A Note about the Illustrations

The illustrations in this book are representational, and in some instances may not exactly match the item represented.

A SHORT GLOSSARY OF DVD TERMINOLOGY

A SHORT GLOSSARY OF DVD TERMINOLOGY

Angles When making a DVD, the studio can incorporate various camera angles which you can select by using the ANGLE button on the remote. Note that not all DVDs contain multiple camera angles.

Author Menu The Author menu is the menu on a disc that allows you to change settings for that disc. We call it the “Author” menu because its features are “authored” by the maker of the disc, and may vary from disc to disc.

Chapter Each *Title* on a DVD can be divided into chapters (similar to tracks on an audio CD).

Dolby Digital This format is used when 5.1-channel audio signals are recorded onto the digital track of film. It provides five separate (discrete) channels: left, right, center, left rear, right rear, and common subwoofer.

If you have a Dolby Pro Logic Surround decoder, you will obtain the full benefit of Pro Logic from the same DVD movies that provide full 5.1-channel Dolby Digital soundtracks, as well as from titles with the Dolby Surround mark.

Title A DVD may contain several different titles; for example, if a disc contains four different movies, each might be considered a title (and each may have several *Chapters* within it).

Subtitling Because so much information can be stored on a DVD, many discs may contain foreign language subtitles.

A QUICK TOUR OF THE REMOTE

A QUICK TOUR OF THE REMOTE

You can use this remote to control compatible components. The component buttons are programmed to operate some ProScan, RCA, and GE components. The buttons must be programmed to operate other brands of components. (See "Programming the Remote" in the "Reference" section.)

LIGHT BUTTON

Your back-lit remote has a light button (💡) that glows in the dark. Press this button to light the buttons on the remote. The remote buttons remain lit when they are pressed within a few seconds of each other. If a button is not pressed within approximately eight seconds, the light turns off to conserve battery power.

COMPONENT BUTTONS

(BUTTONS LISTED IN ALPHABETICAL ORDER)

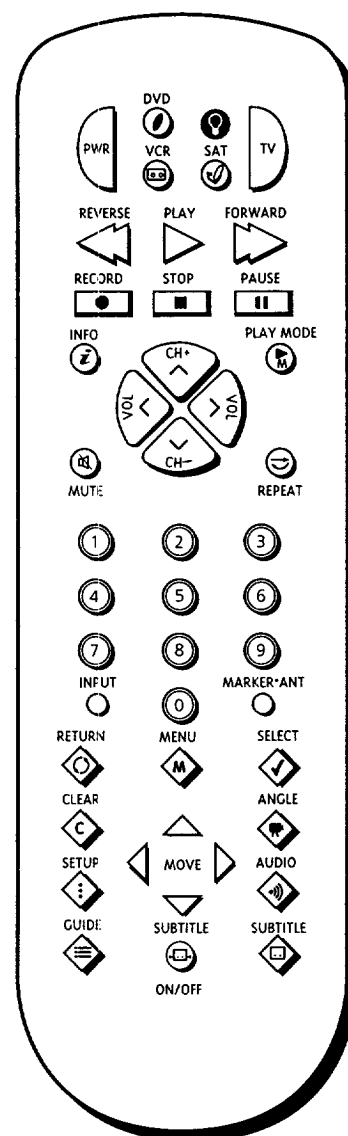
Use these buttons to turn on the component and set the remote to control the selected component.

DVD Use this button to turn on the DVD player and set the remote to control the DVD player.

SAT Use this button to turn on a compatible satellite receiver. Used with PWR button to turn on some brands of satellite receivers.

VCR Use this button to turn on a compatible VCR and set the remote to control the VCR. Used with PWR button to turn on some brands of VCRs.

TV Use this button to turn on a compatible TV and set the remote to control the TV. Used with PWR button to turn on some brands of TVs.



A QUICK TOUR OF THE REMOTE

DVD FUNCTION BUTTONS

(BUTTONS LISTED IN ALPHABETICAL ORDER)

ANGLE Use this button to access various camera angles on a DVD (if the DVD contains multiple camera angles).

AUDIO Use this button to access various audio streams on a disc (if the disc contains multiple audio streams).

CH+ Allows you to move to the beginning of the next chapter or track on a disc (in effect, “skipping” the chapter or track).

CH- Allows you to move to the beginning of the preceding chapter or track on a disc (in effect, “skipping” the chapter or track).

CLEAR Allows you to clear information, for example to delete a marker that you have set.

DIGITS (0-9) Use the digit keys to input information such as chapter numbers, track numbers, or to make selections on some menu screens.

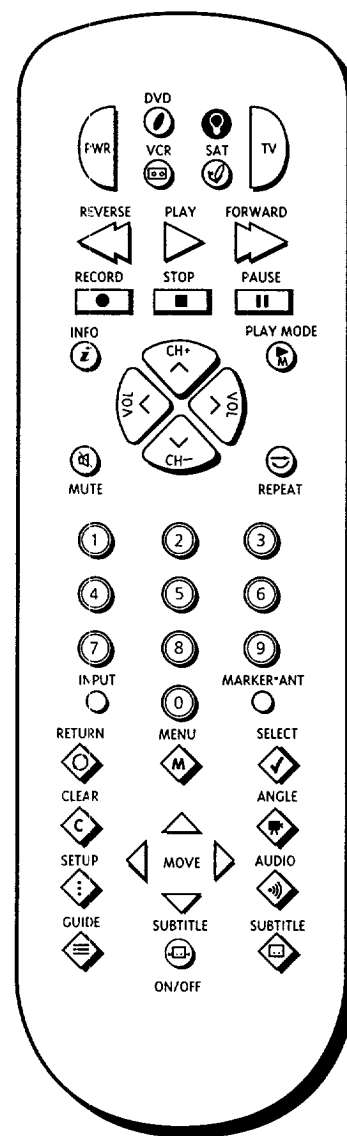
FORWARD Allows you to search forward through a disc while it is in play mode (or slow speed search in pause mode).

GUIDE Allows you to see the titles that are available on the current DVD disc (if the disc contains a title menu).

INFO Displays information that is available about the disc, such as the current title, chapter, and playing time.

MARKER•ANT Allows you to select (or “mark”) places on a disc so that you can quickly find them.

MENU Brings up the main menu of the DVD disc. The information you see will vary from disc to disc, and some discs may contain no menu at all.



A QUICK TOUR OF THE REMOTE

MOVE Arrows Use the arrows to navigate through the menu system of both the DVD player and the DVD discs. Use SELECT to choose a highlighted option.

PAUSE Pauses disc play.

PLAY Begins disc play (and closes disc tray, if open).

PLAY MODE Allows you to program the order in which tracks are played during audio or video CD playback.

PWR (Power) Turns on power when the player is in standby mode; or puts the player in standby mode when power is on.

REPEAT Allows you to repeat the play of a title, chapter, track, or Disc.

RETURN While using the on-screen menu system, takes you to the preceding menu screen.

REVERSE Allows you to search backward through a disc while it is in play mode (or slow speed search in pause mode).

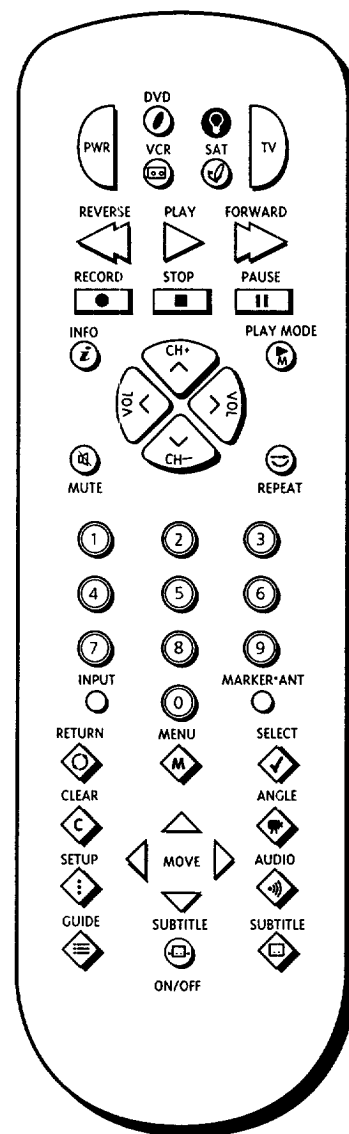
SELECT Use to choose a highlighted option.

SETUP Brings up the DVD player's Setup menu.

STOP Stops disc play.

SUBTITLE Allows you to temporarily change the language preference for the subtitle feature.

SUBTITLE ON/OFF Turns the subtitling feature on and off. To select a language option for subtitles, you need to use the SUBTITLE button.



When ! or !! appears on-screen, it indicates an invalid button press.

A QUICK TOUR OF THE REMOTE

INSTALLING BATTERIES IN THE REMOTE


1. Open the battery door on the back of the remote.
2. Insert four, fresh, AAA-size batteries. Make sure that the polarities (+ and -) are aligned correctly.
3. Replace the battery door.

IMPORTANT BATTERY INFORMATION

- If you're not going to use the remote for a month or more, be sure to remove the batteries because they can leak and cause damage.
- Dispose of batteries in the proper manner, according to federal, state, and local regulations.
- Any battery may leak electrolyte if mixed with a different battery type, if inserted incorrectly, if all batteries are not replaced at the same time, if disposed of in fire, or if an attempt is made to charge a battery not intended to be recharged.
- Discard leaky batteries immediately. Leaking batteries can cause skin burns or other personal injury.

TYPES OF DISCS THAT THE PLAYER CAN PLAY

This DVD player is capable of playing the following types of discs, having the corresponding logos:

- Audio CDs 

- Video CDs 

- DVDs 

DO NOT Use CD-R Discs!

The wave length of the pickup of this DVD player may cause CD-R discs to be erased. **DO NOT** play CD-R discs in this player!

Connections

A FEW THINGS YOU SHOULD KNOW

Before you connect your DVD player, there are a few things that you need to know.

Protect Your Components from Power Surges

- Connect all components before plugging any power cords into the wall outlet.
- Always turn off the DVD player, TV, and other components before you connect or disconnect any cables.

Position Cables Correctly to Avoid Audio Hum or Interference

- Insert all cable plugs firmly into their jacks.
- Place the audio/video cables to the sides of the TV's back panel instead of straight down the middle after you connect your components.
- Try not to coil any twin-lead cables and keep them away from the audio/video cables as much as possible.
- Make sure all antennas and cables are properly grounded.

Protect Your Components from Overheating

- Do not block ventilation holes in any of the components. Arrange the components so that air can circulate freely.
- Do not stack components.
- Allow adequate ventilation when placing your components in a stand.

CAUTION

Do not stack electronic components or other objects on top of the DVD player. See Safety Information, inside front cover.

CONNECTING YOUR DVD PLAYER

JACKS AND CABLES

S-Video Jack and Cable (S-VHS)

The S-Video jack provides the best picture quality for your DVD player. This jack is available on many TVs and is used in conjunction with audio cables to connect the DVD player to your TV.

Remember also to connect the left and right audio cables because the S-Video jack carries only the picture signal, not the sound.



S-Video Jack



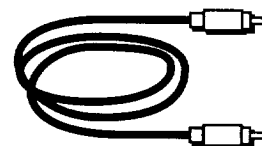
Audio/Video Jacks and Cables (RCA-type)

The audio/video jacks provide very good picture and stereo sound quality, and should be used if your TV has no S-Video jack.

These jacks are used for most audio/video connections between components. The DVD audio/video jacks are color coded (yellow for video, red for right audio, and white for left audio). If your TV has only one input for audio (mono), you may need a Y-adaptor to combine sound from both channels.



Audio/Video jacks

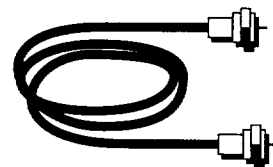


RF Jacks and Coaxial Cables (F-type)

You may not need coaxial cables to connect the DVD player to your TV, but you may need to use coaxial cables to carry the cable, satellite, or off-air signal to your television.



RF jack

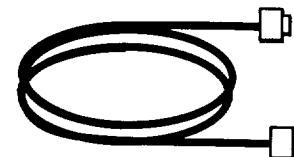


Optical Cable (for Connecting to a Dolby Digital Receiver)

If you own a Dolby Digital receiver that uses an optical cable-type input, you can use an optical cable to connect the DVD player to that receiver to get the best sound quality.



Optical jack

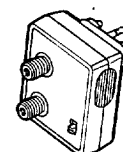


RF Output Adaptor

If your television has only an RF input jack, you will need to use an RF output adaptor (not included) to convert the line output signal to an RF signal.



RF Adaptor jack



CONNECTING YOUR DVD PLAYER

CHOOSING A CONNECTION

The following pages show examples of connections commonly used to connect the DVD player with a TV and other components. Refer to your TV, VCR, Audio/Video Receiver, or Dolby Digital Receiver owner's manual for more information on hooking up your specific components.

DVD Player + TV without A/V Input Jacks 12

If your television only has antenna (RF) inputs, you will need to get an RF output adaptor in order to connect the DVD player. This connection gives you a good quality picture and sound.

DVD Player + TV with A/V Input Jacks (and/or S-Video) .. 13

If your television has A/V input jacks use them to connect your DVD for better quality picture and sound. (For the best quality picture, use the S-Video input if your television has one.)

DVD Player + TV + Audio/Video Receiver 14

If your television has an S-Video input, and you have an Audio/Video Receiver, use this connection to get the best quality picture and sound.

DVD Player + TV + Dolby Digital Receiver 15

If your television has an S-Video input, and you have a Dolby Digital Receiver (with optical-type jack), use this connection to get the best quality picture and sound.

DVD Player + TV + VCR 16

If you want to include a VCR in your connection scheme, this shows you one possible connection.

FINISHING THE CONNECTION

After you have connected all of the components, you will need to attach the power cord, and set the on-screen menu language (see page 17 for more information).

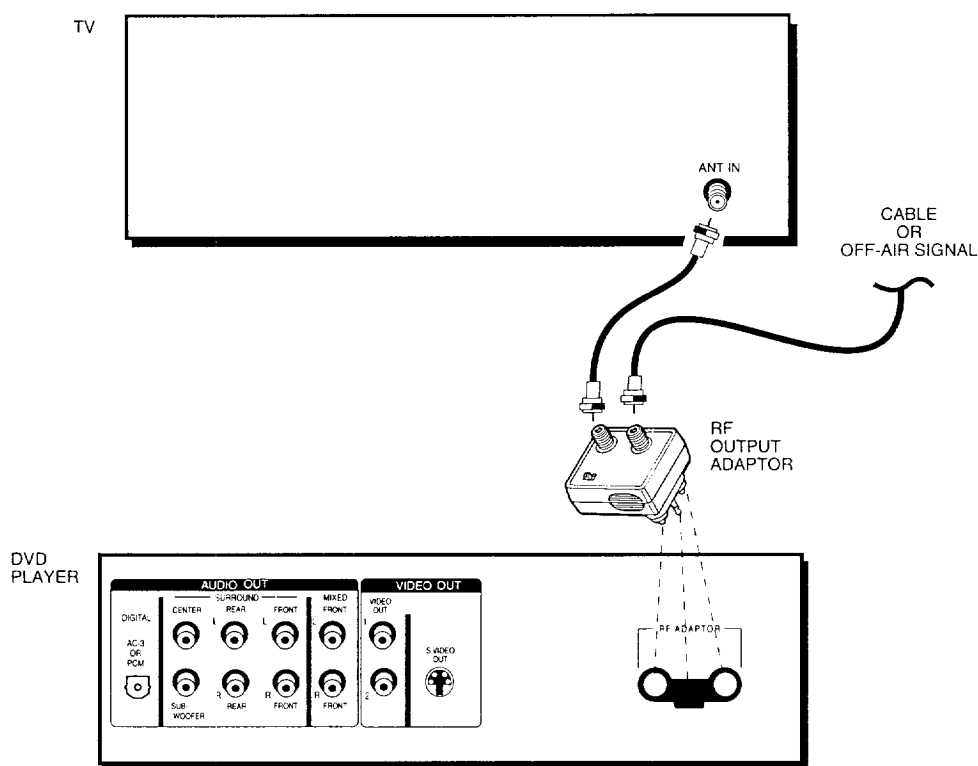
Don't Forget to Plug It In

After you've connected the components, don't forget to plug in the DVD player.

DVD PLAYER + TV WITHOUT A/V INPUT JACKS

DVD PLAYER + TV WITHOUT A/V INPUT JACKS

(Good Picture and Mono Sound Quality)



TO CONNECT THE DVD PLAYER

If you do not have audio/video input jacks on your television, you need to use an RF output adaptor.

1. Connect the RF output adaptor into the back of the player as shown above.
2. Connect the off-air antenna or your cable signal to the antenna input on the RF output adaptor.
3. Connect the output from the RF output adaptor to the antenna input on your television.

CAUTION

Do not stack electronic components or other objects on top of the DVD player. See **Safety Information**, inside front cover.

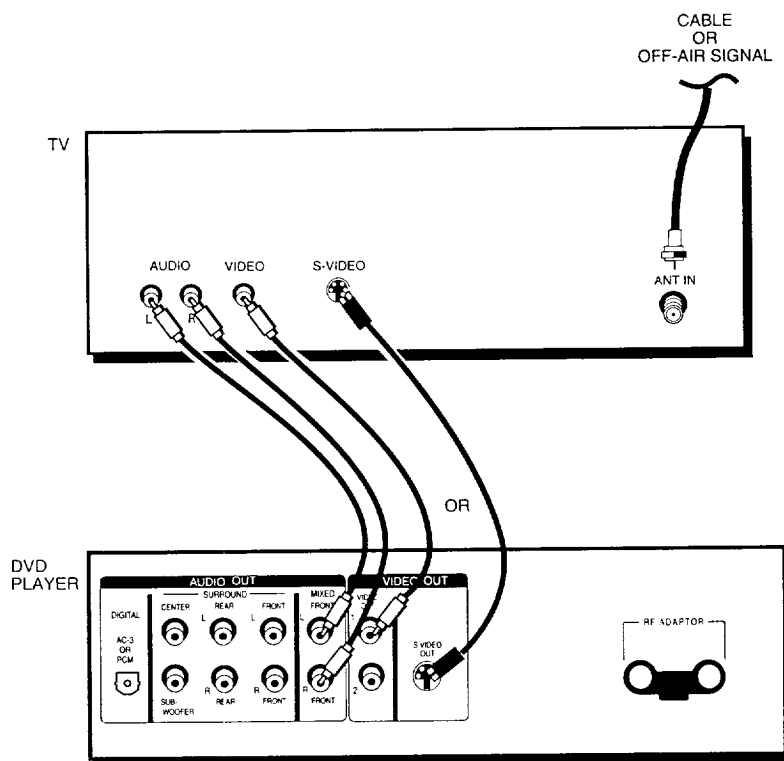
TO WATCH DVD

Tune your television to the RF output adaptor's output channel (the output adaptor should have a CH 3/4 switch to indicate the output channel).

Consult the owner's manuals of the additional components you are connecting for more detailed connection information for those particular components.

DVD PLAYER + TV WITH A/V INPUT JACKS

DVD PLAYER + TV WITH A/V INPUT JACKS (Better Picture and Sound Quality)



TO CONNECT THE DVD PLAYER

1. Use audio/video cables to connect the AUDIO OUT MIXED FRONT L and R jacks to the TV.
2. Use a video cable to connect either VIDEO OUT jack to a TV (or the S-video cable to connect the S-VIDEO OUT jack, if your television has an S-Video input).

Note:

- Your cable or off-air connection to the television should not be affected by this connection. Connect as you normally would to your television. (You may need to consult your television manual for details.)

TO WATCH DVD

Tune your television to either the Video or S-Video input channel. Consult your television manual for specific details.

CAUTION

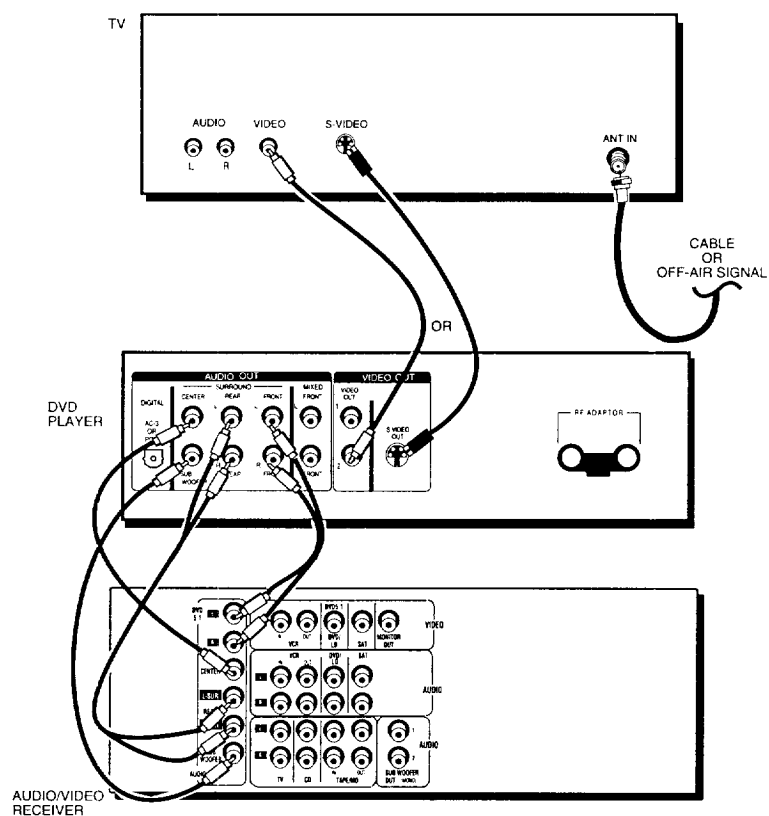
Do not stack electronic components or other objects on top of the DVD player. See Safety Information, inside front cover.

Consult the owner's manuals of the additional components you are connecting for more detailed connection information for those particular components.

DVD PLAYER + TV + AUDIO/VIDEO RECEIVER


DVD PLAYER + TV + AUDIO/VIDEO RECEIVER

(Best Picture and Sound Quality)



If you have a Dolby Pro Logic Surround decoder, you will obtain the full benefit of Pro Logic from the same DVD movies that provide full 5.1-channel Dolby Digital soundtracks, as well as from titles with the Dolby Surround mark.

TO CONNECT THE DVD PLAYER

1. If you have a Dolby Pro Logic Surround receiver, use audio/video cables to connect the AUDIO OUT SURROUND FRONT L and R, CENTER, REAR L and R, and SUBWOOFER jacks to the corresponding jacks on the receiver.
If your receiver only has right and left AUDIO IN jacks, connect it to the AUDIO OUT MIXED FRONT L and R  jacks.
2. Use a video cable to connect either VIDEO OUT jack to a TV (or the S-video cable to connect the S-VIDEO OUT jack, if your television has an S-Video input).

TO WATCH DVD

Tune your television to either the Video or S-Video input channel. Use your audio/video receiver for audio.

CAUTION

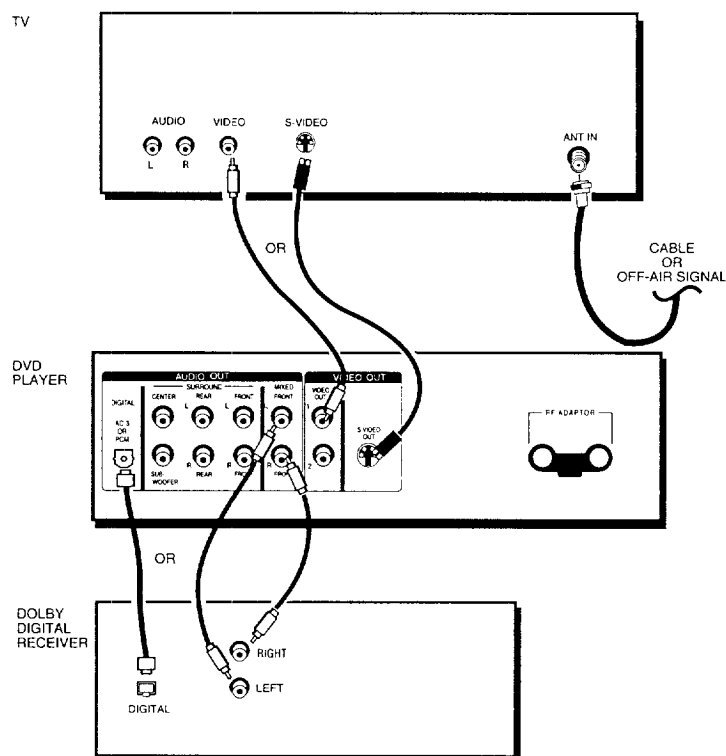
Do not stack electronic components or other objects on top of the DVD player. See Safety Information, inside front cover.

Consult the owner's manuals of the additional components you are connecting for more detailed connection information for those particular components.

DVD PLAYER + TV + DOLBY DIGITAL RECEIVER

DVD PLAYER + TV + DOLBY DIGITAL RECEIVER

(Best Picture and Sound Quality)



PLEASE READ BEFORE USING THE DIGITAL OUT JACK!

This player's Digital Output jack fully complies with the international standard governing this type of jack (IEC958), and is designed for connection to a Dolby Digital (AC-3 or PCM) receiver or Dolby Digital (AC-3 or PCM) decoder.

DO NOT use the Digital Output jack to connect to equipment other than a Dolby Digital (AC-3 or PCM) receiver or Dolby Digital (AC-3 or PCM) decoder. Such a connection can create a high level of noise that may be harmful to your ears, and could damage headphones or speakers.

Older digital equipment, some of which is not fully compliant with IEC958, is likely to cause this problem.

TO CONNECT THE DVD PLAYER

1. Use audio/video cables to connect the AUDIO MIXED FRONT L and R jacks to the Dolby Digital receiver.

Or

Use an optical cable to connect the DIGITAL AC-3 or PCM jack to a Dolby Digital receiver having an AC-3 or PCM jack.

2. Use a video cable to connect either VIDEO OUT jack to a TV (or the S-video cable to connect the S-VIDEO OUT jack, if your television has an S-Video input).

Dolby Digital

This format is used when 5.1-channel audio signals are recorded onto the digital track of film. It provides 5 separate (discrete) channels: left, right, center, left rear, right rear, and common subwoofer.

TO WATCH DVD

Tune your television to either the Video or S-Video input channel for the video output. Use your Dolby Digital receiver for audio output.

CAUTION

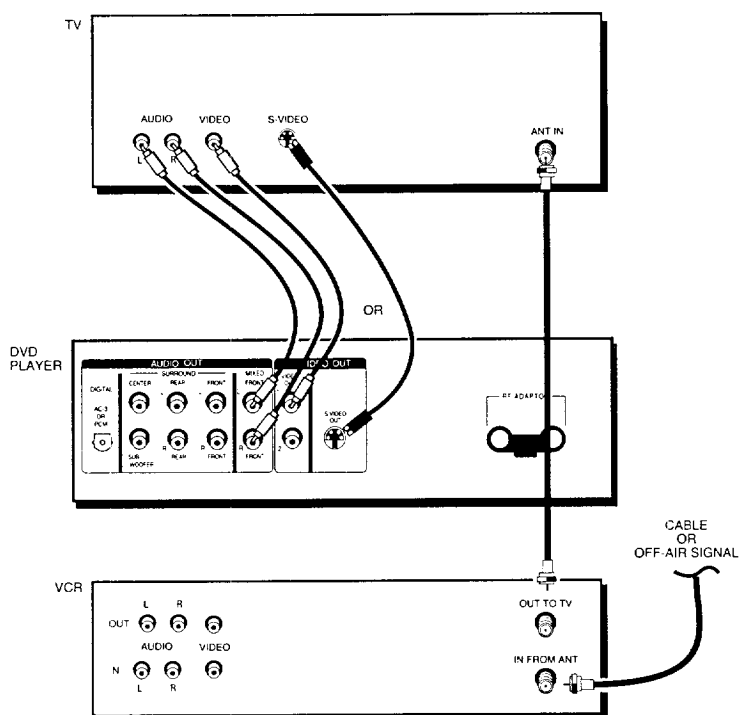
Do not stack electronic components or other objects on top of the DVD player. See Safety Information, inside front cover.

Consult the owner's manuals of the additional components you are connecting for more detailed connection information for those particular components.

DVD PLAYER + TV + VCR

DVD PLAYER + TV + VCR

The following is one possible connection if you want to include a VCR in your connection scheme.



TO CONNECT THE DVD PLAYER

1. Use audio/video cables to connect the AUDIO OUT MIXED FRONT L and R jacks to the TV.
2. Use a video cable to connect either VIDEO OUT jack to a TV (or the S-video cable to connect the S-VIDEO OUT jack, if your television has an S-Video input).

TO CONNECT THE VCR

1. Connect the off-air antenna or cable to the antenna input on the VCR.
2. Use a coaxial cable to connect the antenna output on the VCR to the antenna input on the television.

TO WATCH DVD

Tune your television to either the Video or S-Video input channel. Consult your television manual for specific details.

TO WATCH VCR

Tune your television to channel 3 or 4 depending on how you set the CH3/4 switch on the back of the VCR.

CAUTION

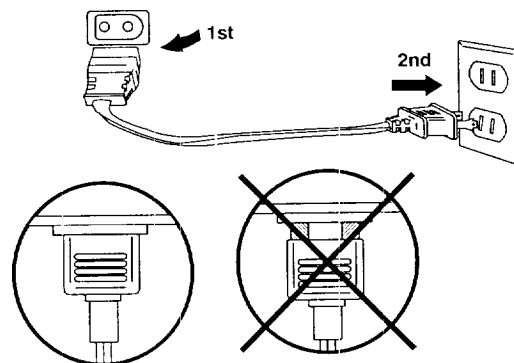
Do not stack electronic components or other objects on top of the DVD player. See Safety Information, inside front cover.

Consult the owner's manuals of the additional components you are connecting for more detailed connection information for those particular components.

SETTING UP THE MENU LANGUAGES

CONNECT THE AC POWER CORD

After you have connected the components, you need to connect the AC power cord. Connect the AC power cord to the back of the DVD player and to an AC power outlet (AC120 V, 50-60 Hz).



NOTE: Make sure that the plug is fully seated in the DVD player.

SETTING UP THE MENU LANGUAGE

By default, the menu language is set to English. If you want to change the menu language, go to the Setup menu and select the "Menu Language" option.

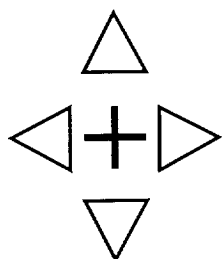
OTHER LANGUAGE OPTIONS

The Menu Language feature changes the language only for the text on the menu screens. There are other language options available for subtitling and audio.

For more information on these language options, see "Using the Setup Menu."

MENU SYSTEM NAVIGATION TOOL

The menu system has an on-screen navigation tool located in the lower right-hand corner, indicating which arrows you can press to point to menu options.



The arrows that are lit up represent the arrow buttons on the remote or front panel that are currently available. When the crosshair (+) is lit, you can press the SELECT button to select the option currently highlighted in the menu screen.

Playing DVDs

A NEW WAY OF LOOKING AT THINGS

In this section you learn how to use your DVD player to play Digital Video Discs (DVDs for short).

As a little up-front information, you should know that although some of the remote buttons look the same as those you would use with a VCR or CD player, the functions work somewhat differently. So, take some time now to find out how to play DVDs, and then you can sit back and enjoy all of the features it has to offer you.

ALSO KEEP IN MIND...

In order for some of the player's features to work, the DVDs that you use must be encoded with specific information. For example, a disc must contain subtitles in order for the player to show them to you.

REGIONAL CODING

Both the DVD player and the discs are coded by region. These regional codes must match in order for the disc to play. If the codes do not match, the disc will not play. This player's regional code is Locale #1.



LOADING AND PLAYING A DVD

LOADING AND PLAYING A DVD

Before you load a disc, make sure that it is compatible with the player.

Note that the following discs CANNOT be used with this player:

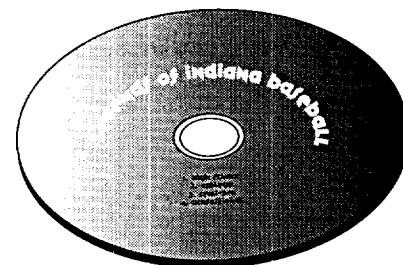
- Laserdisc
- CD-I, CD-ROM, CD-R, DVD-ROM
- Mini Disc
- Discs recorded using other broadcast standards (i.e. PAL or SECAM)
- CD-G discs play audio only, not graphics

TO LOAD AND PLAY A DVD

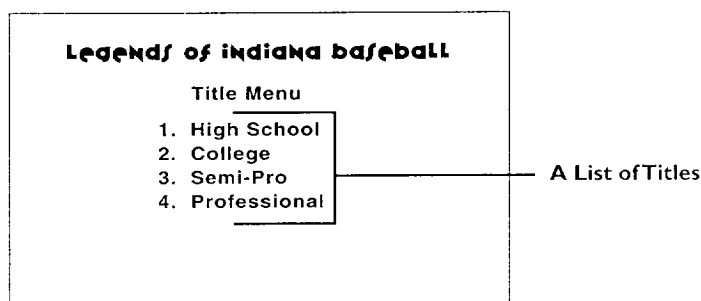
Make sure that you have properly connected the DVD player (see “Connections”) and the player is turned on before you begin.

1. Press the OPEN/CLOSE button on the front of the DVD player.
2. Place a disc gently into the tray with the disc’s label facing up.
3. Press the PLAY button to close the disc tray.

The DVD player reads the table of contents, and displays the disc’s title menu (if it has one).



Insert disc with the label side facing up.



An example of a disc’s title menu.

4. Use the MOVE arrow buttons to point to (highlight) a menu item, and then press SELECT to begin playing the highlighted menu item.
5. Press STOP to stop playback.

Resume Feature

When you stop disc play, the player remembers where you stopped, so when you press **PLAY** again to begin play, it will pick up where you left off (unless the disc is removed, or the player is unplugged). Because resume uses elapsed time as a marker, this feature does not work with discs that do not keep elapsed time (for example, interactive DVDs).

DVD PLAYBACK FEATURES

DVD PLAYBACK FEATURES

Several options are available during DVD playback.

CHAPTER SCAN

Because the DVD is divided into Chapters, you can skip through a disc's contents one chapter at a time.

- Press and release CH- on the remote (SKIP REV on the player) to go to the beginning of the Chapter that is playing. Press again to go to the beginning of the preceding Chapter.
- Press and release CH+ on the remote (SKIP FWD on the player) to go to the beginning of the next Chapter.

FAST MOTION PLAYBACK (PICTURE SCAN)

To scan through a section of the disc during playback, use the Picture Scan feature:

1. Press the REVERSE or FORWARD button on the remote (turn the search dial on the player towards REV or FWD) during playback to search through a disc.
2. Press the button again on the remote (turn the dial farther on the player) to search at a faster speed.
3. Press the PLAY button on the remote (release the dial on the player) to resume normal playback.

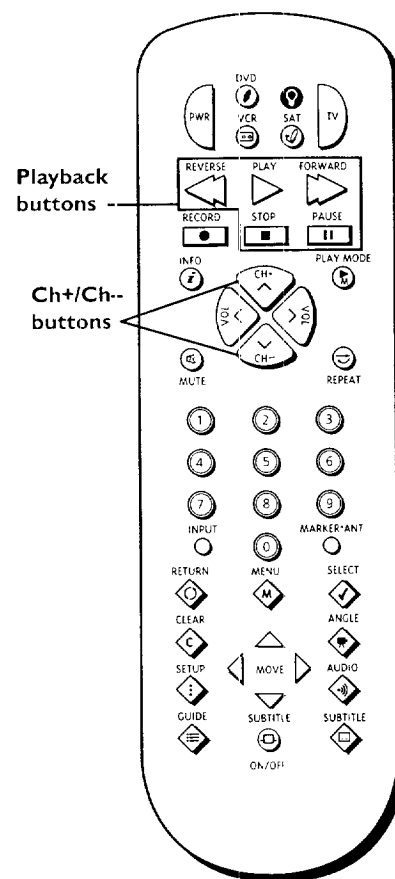
FREEZE FRAME AND FRAME ADVANCE

1. Press PAUSE once to freeze playback.
2. Each subsequent press of the PAUSE button advances the picture one frame at a time.
3. Press PLAY to resume normal playback.

SLOW MOTION PLAYBACK (IN FREEZE FRAME MODE)

While the disc is in freeze frame mode, you can invoke either forward or backward slow motion playback.

- Press REVERSE on remote for backward slow motion playback.
- Press FORWARD on remote for forward slow motion playback.
- Press PLAY to resume normal playback.



The playback features are disc dependent and may not work with all discs.

Slow Motion Backward

Because of the nature of MPEG2 video, searching backward does not provide as clear a picture as searching forward, and the picture may appear "jumpy."

REPEATING PLAY

REPEATING PLAY

You can use this feature to repeat a chapter or title.

1. Press REPEAT once to repeat the chapter currently playing.
2. Press REPEAT twice to repeat the title currently playing.
3. Press REPEAT a third time to turn off the repeat feature.

Notes:

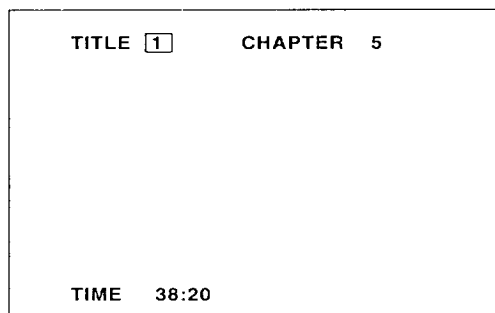
- The repeat indicator on the front panel appears when you are in repeat mode.
- The on-screen display indicates which repeat mode you are using: REPEAT CHAPTER, REPEAT TITLE, or STANDARD PLAY.
- The Repeat feature does not work with interactive DVDs.

SELECTING SPECIFIC SCENES ON A DVD

Use the on-screen display to go to a specific scene on a DVD.

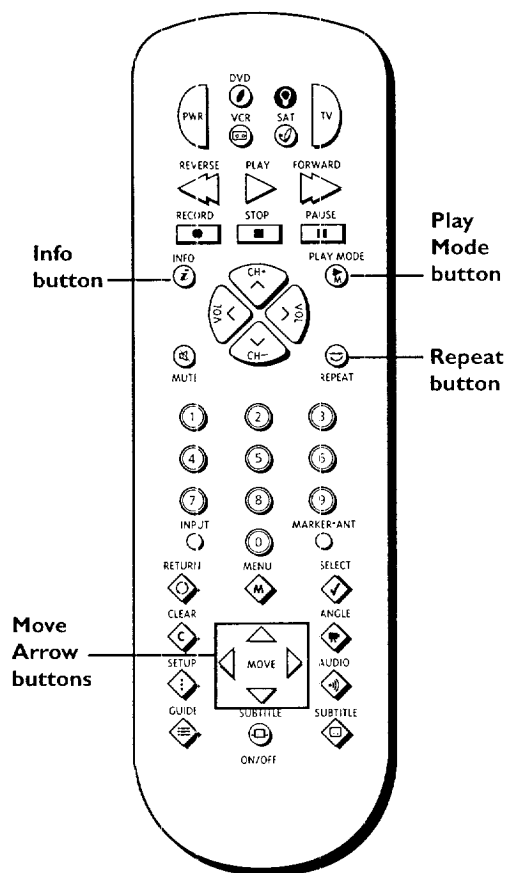
Selecting a Title Number

1. Press the INFO button during disc playback.



Enter the number of the title and press PLAY.

2. Use the digits on the remote to enter a different title number.
3. Press PLAY to begin playing the selected title.



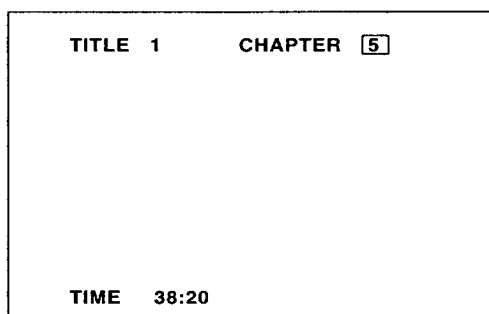
What's a Scene?

Because DVD is a digital format, the information can be separated in many different ways. One way that a DVD might be separated is by scenes (as in a movie). Each scene might be a chapter on a DVD, so rather than watching the whole movie to get to a scene, you can just go straight to it.

SELECTING SPECIFIC SCENES ON A DVD

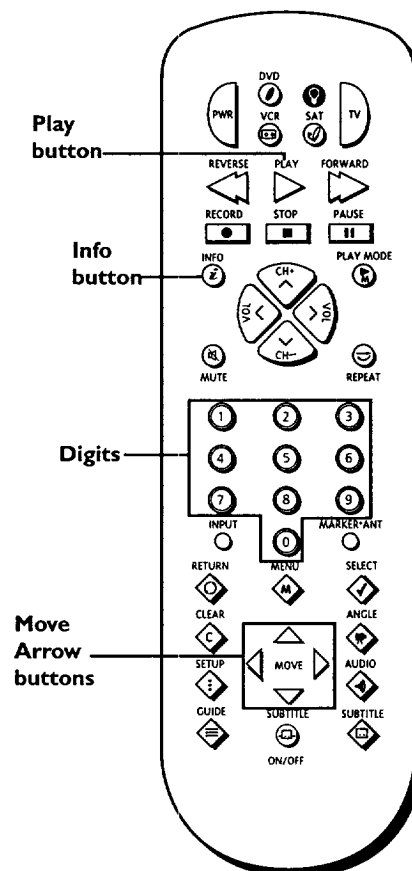
Selecting a Chapter Number

1. Press the INFO button during disc playback.



Enter the number of the chapter and press PLAY.

2. Use the right MOVE arrow on the remote to highlight the current chapter number.
3. Use the digits on the remote to enter a different chapter number.
4. Press PLAY to begin playing the selected chapter.

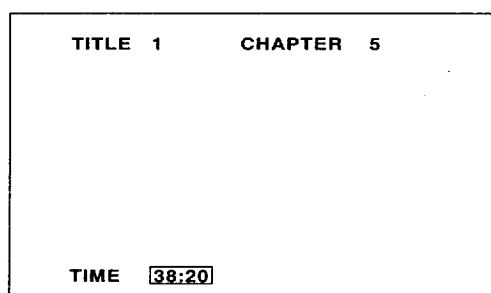


Notes for Title/Chapter Select:

- If you select a number that does not exist on the DVD, the message "NUMBER OUT OF RANGE" appears.
- This feature does not function when using a DVD without multiple title and chapter numbers.

Using the Elapsed Time

1. Press the INFO button during disc playback.



Enter the elapsed playing time and press PLAY.

SELECTING A TITLE USING THE GUIDE BUTTON

2. Use the MOVE arrows to highlight the time value.
3. Use the digits on the remote to enter the elapsed playing time from which you want to start.
4. Press PLAY to begin playback starting at the elapsed time indicated.

Note:

- Some DVDs cannot be searched using this feature.

SELECTING A TITLE USING THE GUIDE BUTTON

You can use the GUIDE button on the remote to access a list of titles available on a DVD.

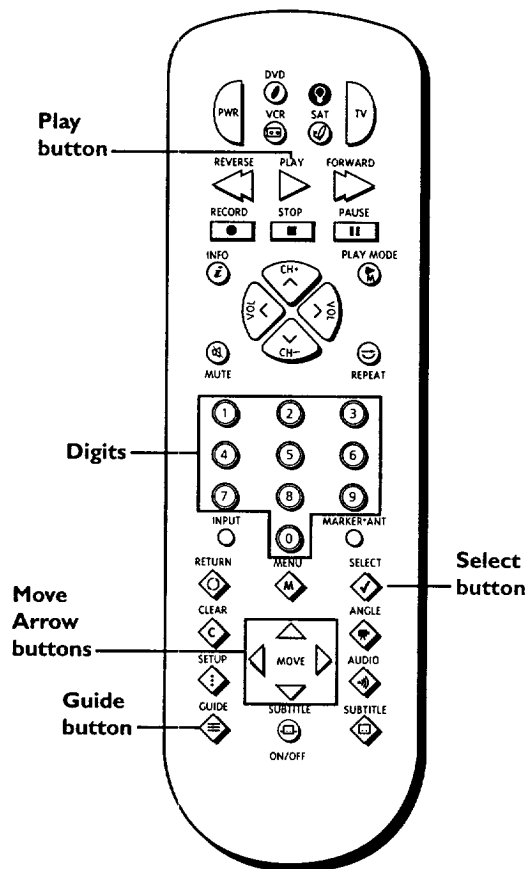
1. Press GUIDE.
2. Use the MOVE arrows to highlight a title, and then press SELECT. The selected title begins play.

Notes:

- This feature may not work with all DVDs because not all DVDs contain multiple titles.
- Depending on the type of DVD, another menu may be displayed.

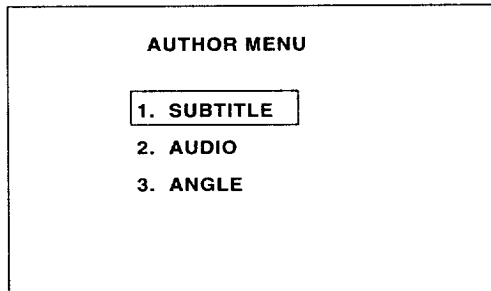
USING A DVD'S AUTHOR MENU

Each DVD is capable of having its own menu structure which allows you to change the settings for audio, subtitling, and angle for that disc only. In this manual we refer to this menu as the "Author" menu because its contents are created by the author (manufacturer) of the DVD. Although the Author menu's contents and operation differ from DVD to DVD, the following example may give you an idea of what to expect when you use this feature.



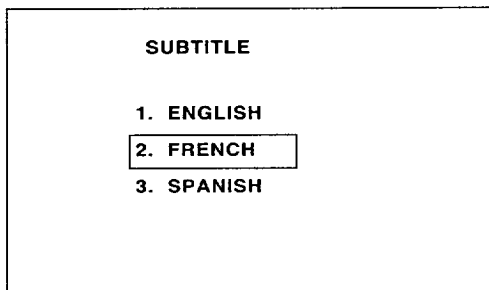
USING A DVD'S AUTHOR MENU

1. Press MENU to bring up the DVD's Author menu.
2. Use the MOVE up or down arrows to highlight the setting you want to change, and then press SELECT.



The Subtitle setting is selected here.

3. Use the MOVE up or down arrows to highlight a subtitle language (from the Subtitle menu), and then press SELECT.

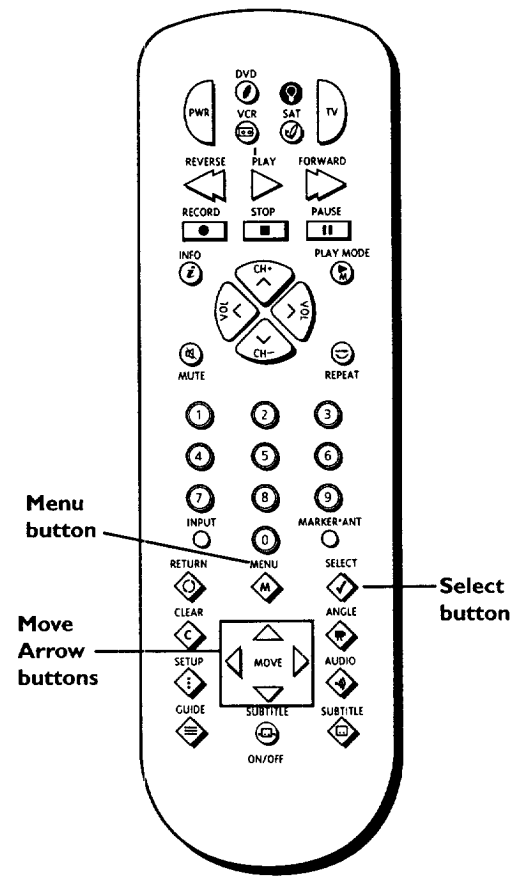


French is selected.

Subtitling for this DVD will now appear in French.

Notes:

- This feature may not work with all DVDs because the Author menu is DVD dependent, and its operation may vary from DVD to DVD.
- If the DVD is removed from the disc tray, or the player is turned off, these settings are returned to the initialized settings.



Make sure that the player's subtitle feature is turned on, or the subtitling will not appear on-screen.

USING THE SUBTITLE FEATURE

USING THE SUBTITLE FEATURE

When a DVD is recorded with subtitles, you can use the Subtitle feature to view the subtitles on-screen. The SUBTITLE ON/OFF button on the remote (located beside the SUBTITLE button), turns subtitling on or off. If the DVD has been recorded with subtitles, they will appear on-screen.

Changing the Subtitle Language (On the Player)

You can temporarily change the initialized subtitle language (provided that additional languages are recorded on the DVD) by using the SUBTITLE button on the remote.

1. Press SUBTITLE.
2. Use the MOVE up or down arrows on the remote to select a subtitle language.

Note:

- When the player is turned on, the initialized subtitle language is selected. If the disc does not contain the same initialized language as that of the player, the “default” language is automatically selected.

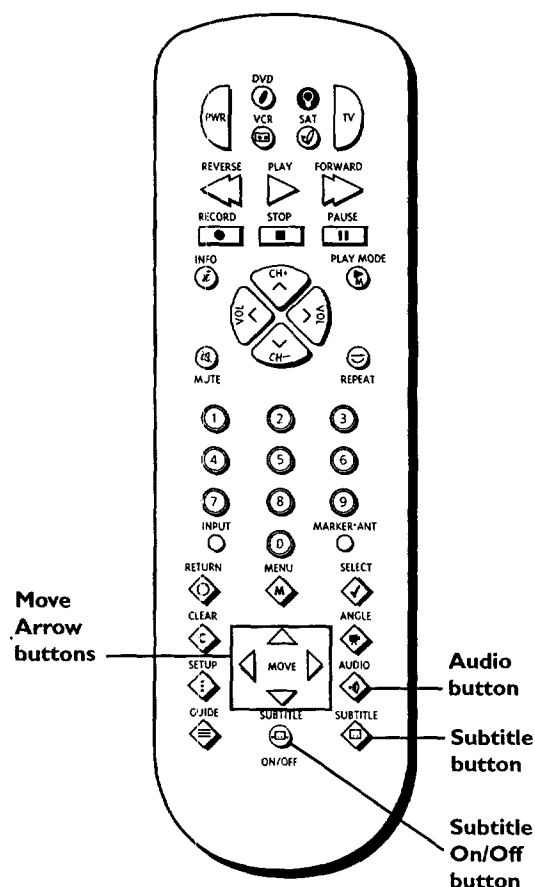
CHANGING THE AUDIO LANGUAGE

You can temporarily change the initialized audio language (provided that additional languages are recorded on the DVD).

1. Press AUDIO.
2. Use the MOVE up or down arrows on the remote to select an audio language.

Notes:

- When the player is turned on, the initialized audio language is selected. If the disc does not contain the same initialized language as that of the player, the “default” language is automatically selected.
- This feature is disc dependent and may not work with all DVDs.



Make sure that the player's subtitle feature is turned on, or the subtitling will not appear on-screen.

Initialized Settings

“Initialized settings” are the settings to which the player will default each time it is turned on.

Any settings you change by using the features listed on this page only temporarily override the initialized settings.

Use the Setup menu of the DVD player to change the initialized settings. (See “Using the Setup Menu” for more details.)

CHANGING THE CAMERA ANGLE

CHANGING THE CAMERA ANGLE

Some DVDs are recorded using multiple camera angles. Use the ANGLE button on the remote to select a different angle.

1. Press ANGLE to select your desired camera angle number.
2. Use the MOVE up or down arrows on the remote to select an alternate angle.

Notes:

- This feature does not work when a DVD has not been recorded with a multi-camera angle system.
- You can identify the section that contains the multi-camera angles on some DVDs by a mark that appears at the beginning of each section.

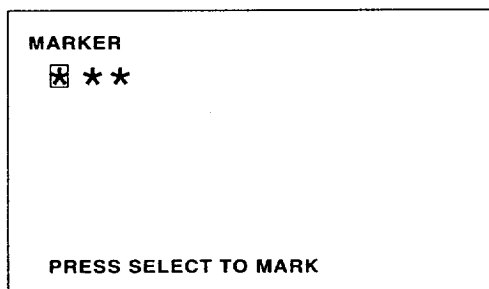
USING THE MARKER FEATURE

Use the Marker feature to select (or mark) parts of a DVD so that you can quickly find the section at a later time. This feature can be used during DVD playback.

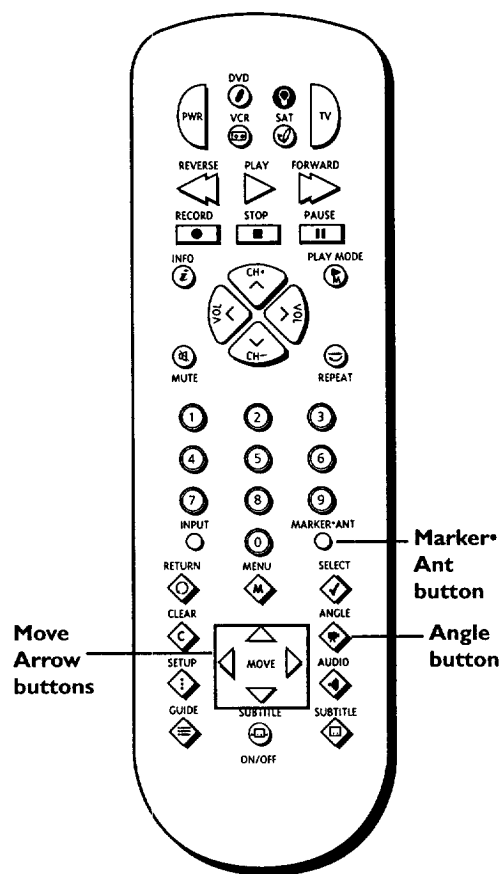
Storing a Marker During DVD Playback

1. Press the MARKER•ANT button at the point during playback that you want to mark.

The Marker display appears on-screen.

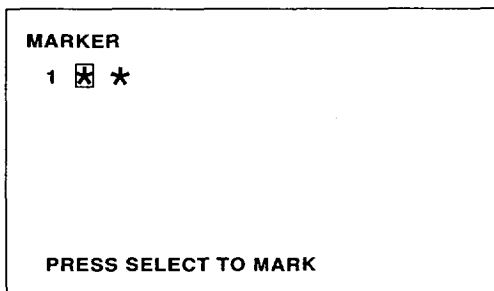


The Marker display screen.



USING THE MARKER FEATURE

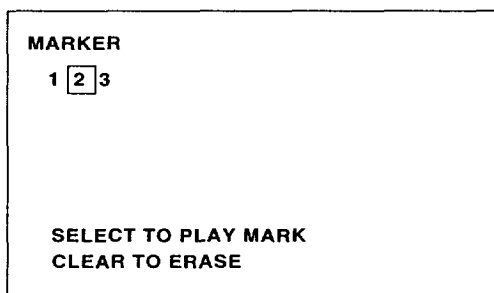
2. Press the SELECT button to place a mark. You can place as many as three markers on a disc.



Marker 1 has been placed.

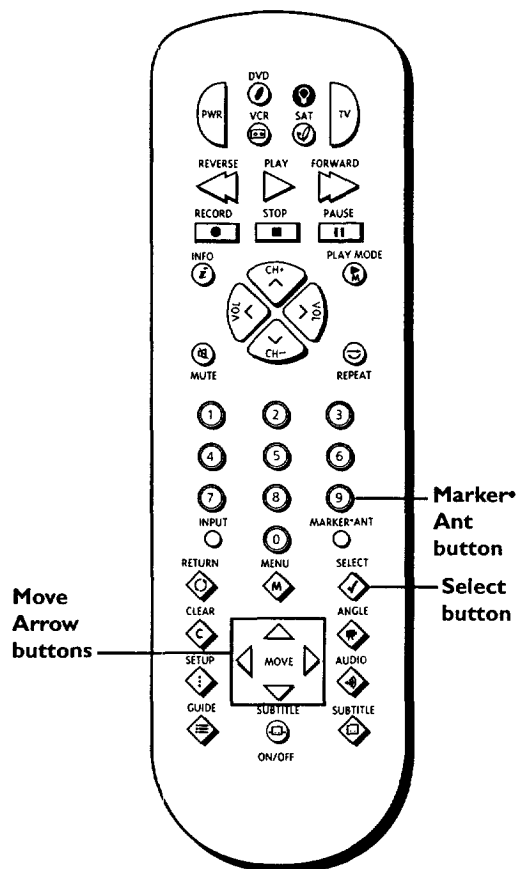
Playing a Marked Part

1. Press the MARKER•ANT button.



Highlight an existing marker and press SELECT.

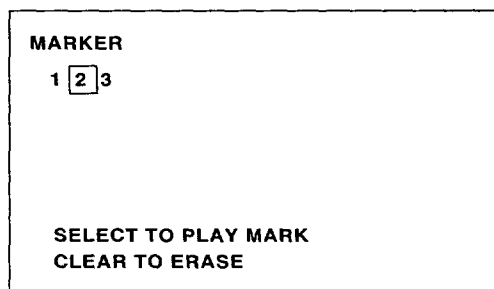
2. Use the MOVE arrows to highlight an existing marker.
3. Press SELECT to go to that part of the DVD and automatically begin playback from there.



PLAYING KARAOKE DISCS

Clearing a Marker

1. Press the MARKER•ANT button.

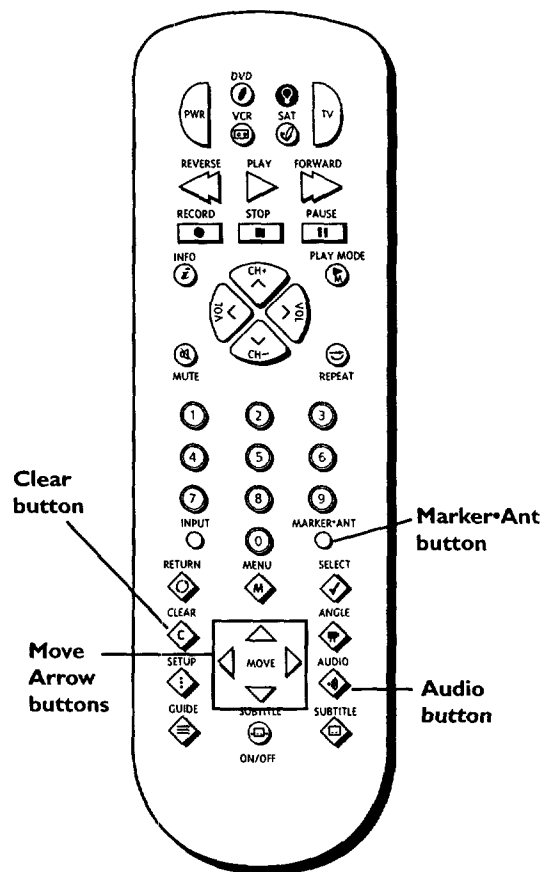


Highlight an existing marker and press CLEAR.

2. Use the MOVE arrows to highlight an existing marker.
3. Press CLEAR to delete the highlighted marker.

Note:

- Turning off the power or opening the disc tray will erase the marks.



PLAYING KARAOKE DISCS

Use the AUDIO button and the MOVE arrows to change both the audio language and the audio output of a karaoke disc.

1. Press the AUDIO button on the remote.
2. Use the MOVE up or down arrow on the remote to change the audio language (if necessary).
3. Use the MOVE left or right arrow on the remote to turn on or turn off the voice output.

Note:

- This feature is DVD dependent, and its operation may vary from DVD to DVD.

Changing Songs on a Karaoke Disc

Each song on a karaoke disc is the equivalent of a title, so you may not be able to skip an entire song by pressing the SKIP buttons only once.

Playing Audio CDs

JUST LIKE YOUR CD PLAYER

Your DVD player can play Audio Compact Discs, as well as DVDs. If you've used a CD player before, you will probably notice that your DVD player has a lot of the same features as a CD player.

This section gives you all the information you need to know to play Audio CDs on your DVD player.



LOADING AND PLAYING AN AUDIO CD

LOADING AND PLAYING AN AUDIO CD

Before you load a disc, make sure that it is compatible with the player. Note that the following discs CANNOT be used with this player:

- Laserdisc
- CD-I, CD-ROM, CD-R, DVD-ROM
- Mini Disc
- Discs recorded using other broadcast standards (i.e. PAL or SECAM)

TO LOAD AND PLAY AN AUDIO CD

Make sure that you have properly connected the DVD player (see “Connections”) before you begin.

1. Press the OPEN/CLOSE button on the front of the DVD player.
2. Place a disc gently into the tray with the disc’s label facing up.
3. Press the PLAY button to close the disc tray.

The DVD player reads the disc’s table of contents, and then begins disc playback.

4. Press STOP to stop playback.



Insert with the label facing up.

AUDIO CD PLAYBACK FEATURES

When playing audio CDs, your DVD player has many of the same features that your CD player has, including track skip, repeat play, and programmed playback.

SKIPPING TRACKS

- To skip forward to the beginning of the next track on a CD, press CH+ on the remote (SKIP FWD on the player).
- To skip backward to the beginning of the track that is playing on a CD, press CH– on the remote (SKIP REV on the player). Press the button again to go to the beginning of the preceding track.

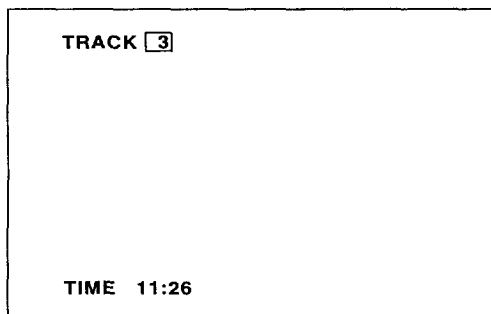
AUDIO CD PLAYBACK FEATURES

REPEATING PLAY

- Press REPEAT once to repeat the current track.
- Press REPEAT a second time to repeat all tracks.
- Press REPEAT again to resume normal playback.

SELECTING A SPECIFIC TRACK

1. Press the INFO button.

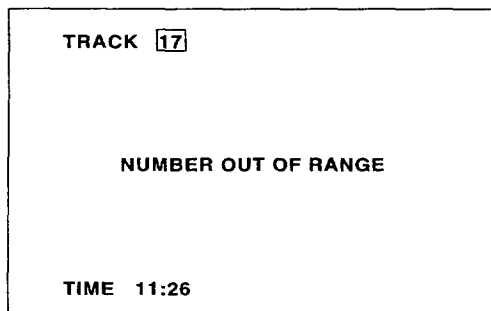


Enter the track number you want to hear.

2. Use the digits on the remote to enter the desired track.
3. Press PLAY to begin playback.

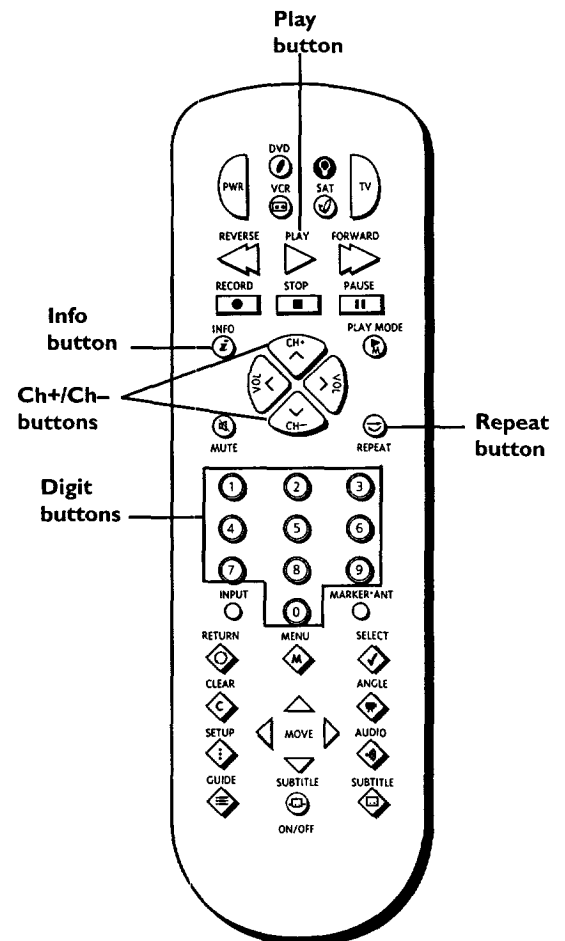
Notes:

- If you select a number that does not exist on the disc, the message "NUMBER OUT OF RANGE" is displayed.



The "NUMBER OUT OF RANGE" message means that the track does not exist on the disc.

- You can also use the digits on the remote to enter a track number directly. Press PLAY to begin playback.

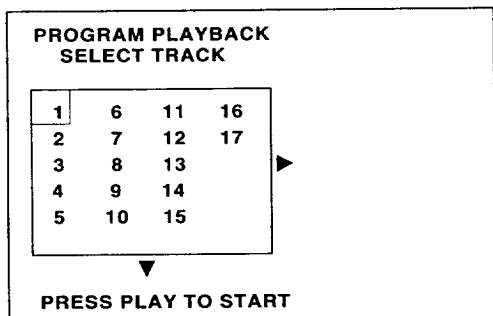


AUDIO CD PLAYBACK FEATURES

PROGRAM PLAYBACK

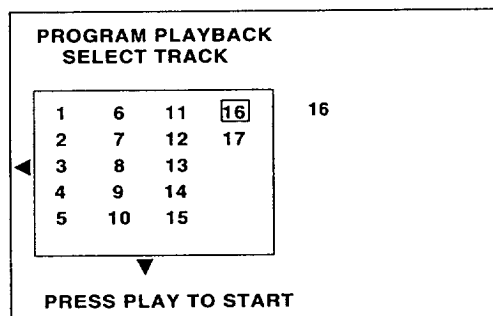
Program playback lets you set up a specific order for Audio CD playback.

1. Press PLAY MODE (while in stop mode) to bring up the program playback menu.



The Program Playback menu for an audio CD.

2. Use the MOVE arrows on the remote to highlight a track number.
3. Press SELECT to choose the track number.



Use the arrow buttons to highlight, and the SELECT button to choose a track.

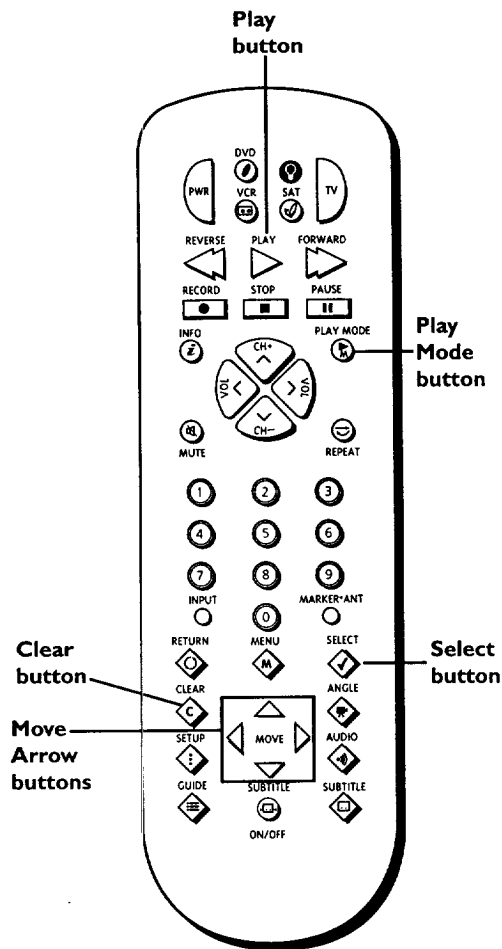
4. Press PLAY to begin program playback.

Notes:

- When the program is completed, the disc stops and the Program Playback menu is displayed again.
- To resume normal playback, press PLAY MODE, and then press PLAY.

Deleting Programmed Tracks

Press the CLEAR button in stop mode to delete tracks. Note that all programmed tracks are deleted when the DVD player is turned off or the disc is removed.



Playing Video CDs

WHAT'S A VIDEO CD?

The Video CD format is similar to DVD in that Video CDs can contain movies. The big difference is in the amount of information that can be stored on a single Video CD.

This section gives you all the information you need to know to play Video CDs on your DVD player.



LOADING AND PLAYING A VIDEO CD

LOADING AND PLAYING A VIDEO CD

Before you load a disc, make sure that it is compatible with the player. Note that the following discs CANNOT be used with this player:

- Laserdisc
- CD-I CD-ROM, CD-R, DVD-ROM
- Mini Disc
- Discs recorded using other color TV systems (i.e. PAL or SECAM)

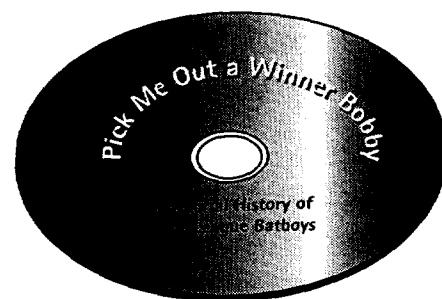
TO LOAD AND PLAY A VIDEO CD

Make sure that you have properly connected the DVD player (see "Connections") before you begin.

1. Press the OPEN/CLOSE button on the front of the DVD player.
2. Place a disc gently into the tray with the disc's label facing up.
3. Press the PLAY button to close the disc tray.

The DVD player reads the disc's table of contents, and then begins disc playback.

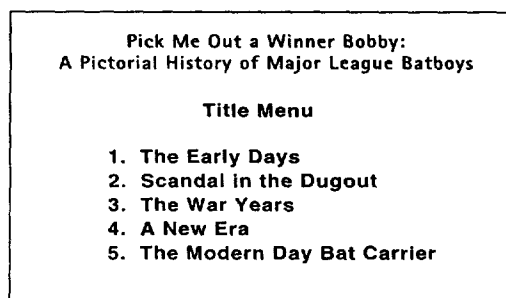
4. Press STOP to stop playback.



Insert with the label facing up.

If the Video CD Has Playback Control

If a disc is encoded with the playback control function, a menu screen appears after the disc is loaded into the player (see step 3 above).



Select a title from the menu.

For More Information About Playback Control

Check the instructions that accompany the Video CD for more information on how to use the playback control function for that specific disc.

VIDEO CD PLAYBACK FEATURES

1. Use the digits on the remote to select a title.
2. Press SELECT to begin playback of the selected title.
3. Press CH+ or CH- on the remote (SKIP FWD or SKIP REV on the player) to scroll through the titles.
4. Press RETURN to stop playback and return to the menu or press STOP to stop playback and remove the menu from the screen.

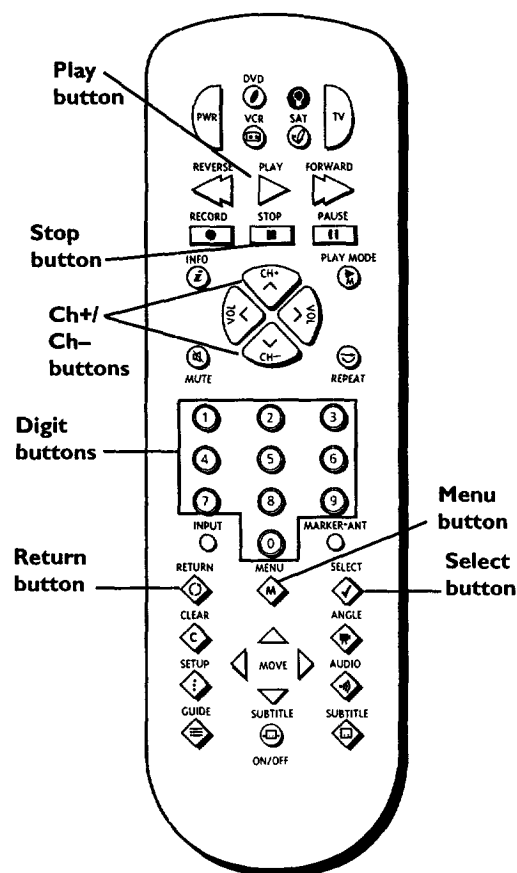
Bypassing Playback Control

If a Video CD has Playback Control, you can bypass the menu by following these steps when you first load the discs.

1. Press STOP to put the player in the Stop mode.
2. Use the digits on the remote to enter the desired track number, and then press PLAY. When playback begins, the disc will respond as if it is not in the Playback Control mode.

Note:

- To resume the Playback Control mode, press STOP, and then press MENU or PLAY.



VIDEO CD PLAYBACK FEATURES

The DVD player gives you several options when playing Video CDs, including skipping tracks, repeat play, and programmed playback.

SKIPPING TRACKS

- To skip forward to the beginning of the next track on a Video CD, press CH+ on the remote (SKIP FWD on the player).
- To skip backward to the beginning of the track that is playing on a video CD, press CH- on the remote (SKIP REV on the player). Press the button again to go to the beginning of the preceding track.

Notes:

- For some Video CDs, the SKIP buttons may bring up the menu screen instead.

The Skip feature does not work while a Video CD is in Playback Control mode.

VIDEO CD PLAYBACK FEATURES

REPEATING PLAY

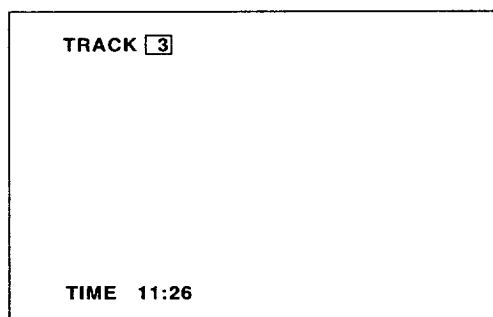
- Press REPEAT once to repeat the current track.
- Press REPEAT a second time to repeat all tracks.
- Press REPEAT a third time to resume normal playback.

Notes:

- The repeat feature does not work while a Video CD is played using the menu.
- The Repeat feature does not work while a Video CD is in playback control mode.

SELECTING A SPECIFIC TRACK

1. Press the INFO button.

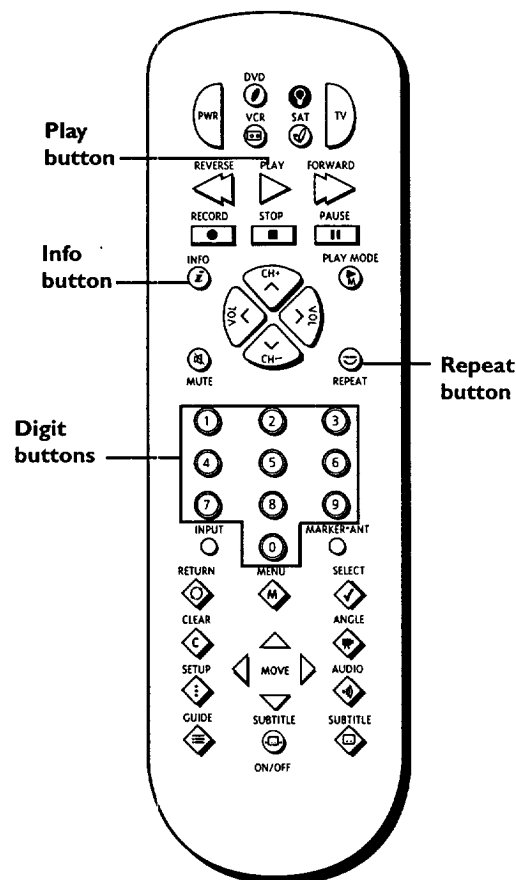


Enter the track number you want to hear.

2. Use the digit buttons to enter the desired track.
3. Press PLAY to begin playback.

Notes:

- This feature does not work in Playback Control mode.
- If you select a number that does not exist on the disc, the message "NUMBER OUT OF RANGE" is displayed.
- You can also use the digits on the remote to enter a track number directly. Press PLAY to begin playback.



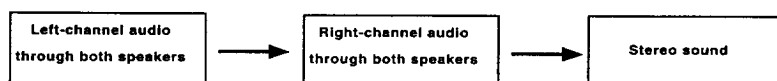
VIDEO CD PLAYBACK FEATURES

CHANGING THE AUDIO CHANNEL OUTPUT

You can change the channel output from the player by using the AUDIO button and the MOVE up arrow on the remote control. Note that you must be playing a stereo Video CD.

1. Press AUDIO.
2. Press the MOVE Up Arrow to scroll through the audio output options (see diagram below).

When Using a Stereo Video CD



Note:

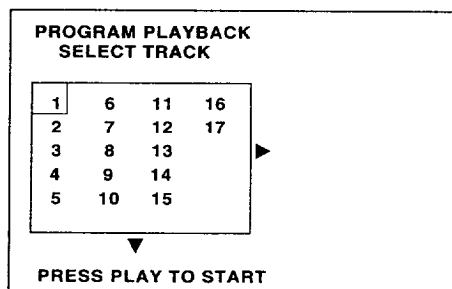
- Use the MOVE down arrow to scroll backward through the Audio Channel Output options.

PROGRAM PLAYBACK

Program playback lets you set up a specific order for the playback of tracks on a disc.

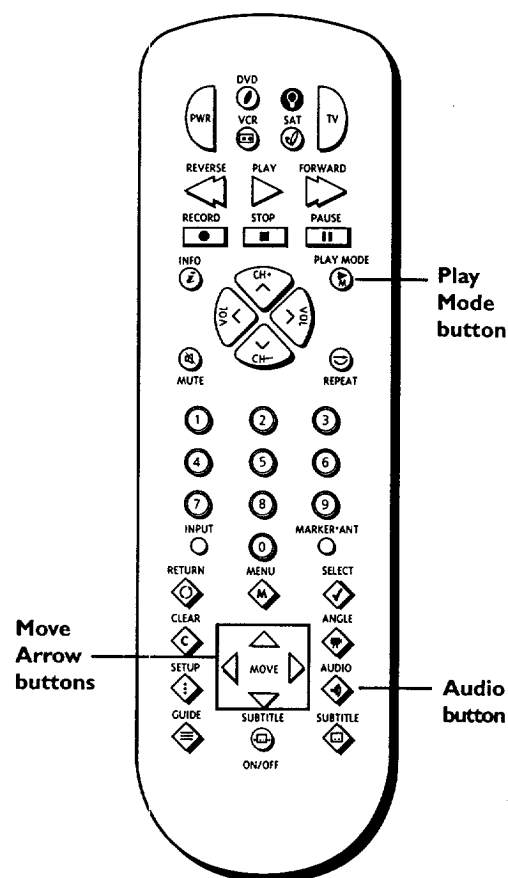
If a disc has Playback control, you must bypass the Playback Control before you can program tracks (see "Bypassing Playback Control" earlier in this chapter).

1. Press the PLAY MODE button (while in stop mode) to bring up the program playback menu.



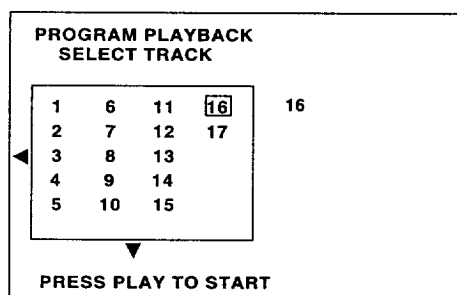
The Program Playback menu for a video CD.

2. Use the MOVE arrows to highlight a number.



VIDEO CD PLAYBACK FEATURES

- Press SELECT to choose the number.



Use the MOVE arrows to highlight, and the SELECT button to choose a track.

- Press PLAY to begin programmed playback.

Notes:

- When the program is completed, the disc stops and the program playback menu is displayed again.
- To resume normal playback, press the PLAY MODE button twice, and then press the PLAY button.

Program Playback with Playback Control

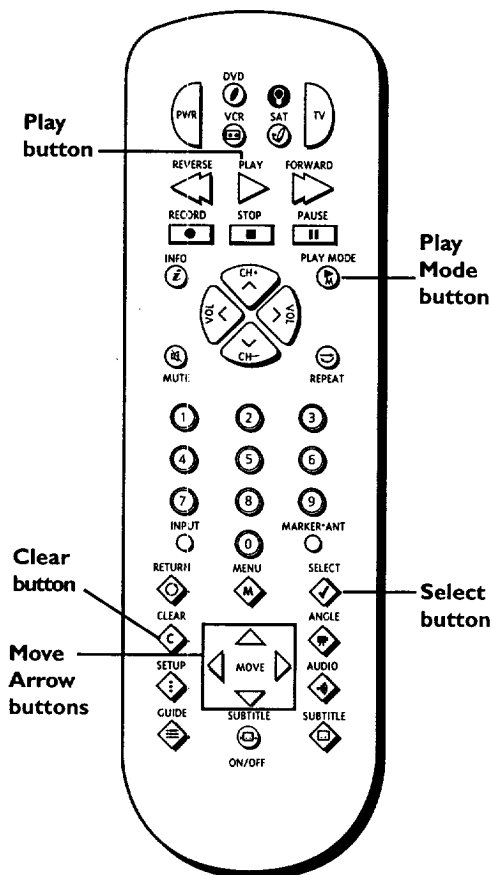
To use the Program Playback feature, you need to bypass the Playback Control feature (see "Bypassing Playback Control" earlier in this chapter).

Deleting Programmed Tracks

Press the CLEAR button in stop mode (when the disc is not rotating) to delete programmed tracks one by one.

Note:

- All programmed tracks are deleted when the DVD player is turned off or the disc is removed.



Using the Setup Menu

PUTTING YOU IN CONTROL

The Setup menu lets you customize your DVD player by allowing you to set up a rating level, select various language preferences, and even adjust the player to the type of television screen you have (i.e. wide-screen).

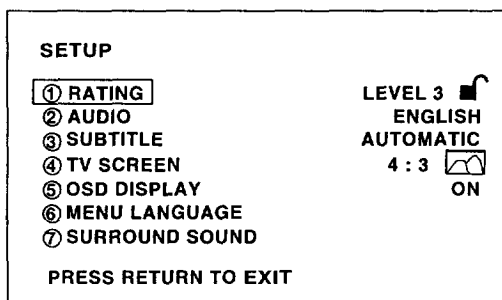
To access the Setup menu, press the **SETUP** button on the remote control while the DVD player is in the stop mode.

SETTING UP THE RATING LEVEL

SETTING UP THE RATING LEVEL

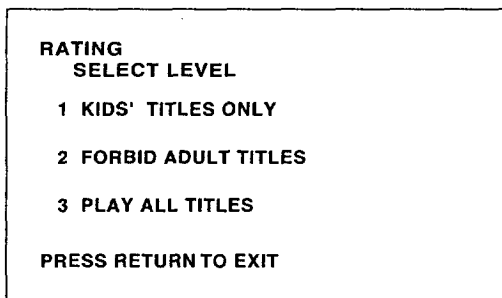
The rating level feature works in conjunction with DVDs that have been assigned a rating level, and helps you to control the types of DVDs that your family watches.

1. Press the SETUP button on the remote control.



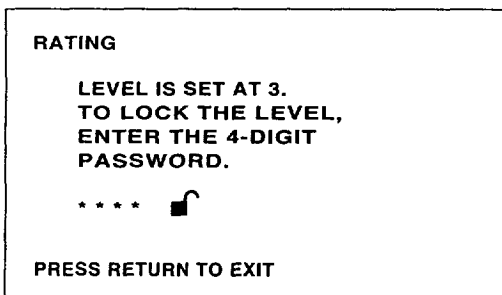
Select **RATING** from the Setup menu.

2. Use the MOVE arrows on the remote to highlight "RATING" and then press SELECT.

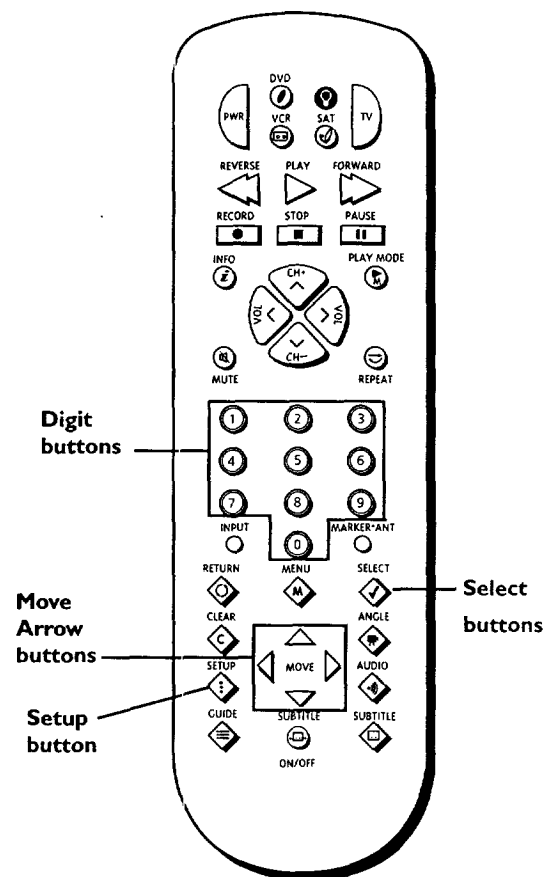


Use arrows to set the rating level.

3. Use the MOVE arrows to select your preferred level, and then press SELECT to set the rating.



Enter a 4-digit password to lock the rating level.

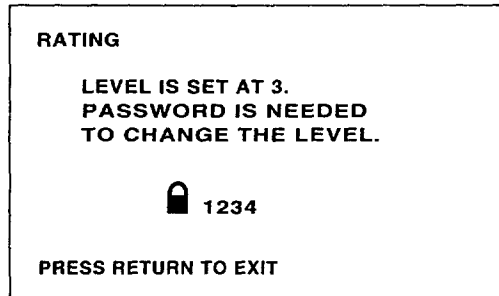


If the Rating Level Feature Doesn't Work

In order for the Rating level feature to work, the disc must be encoded with the proper rating information. If the maker of the disc did not encode rating information, then this feature will not work properly.

UNLOCKING THE RATING LEVEL

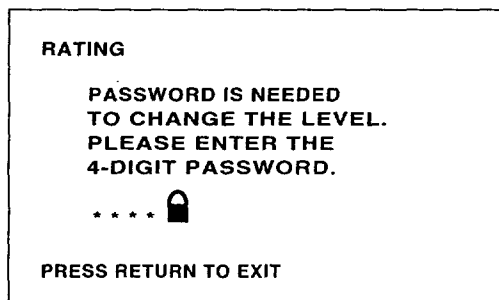
- To keep the rating level you set from being changed, you can "lock" the level by entering a four-digit password. Use the digits on the remote to enter the password, and press SELECT.



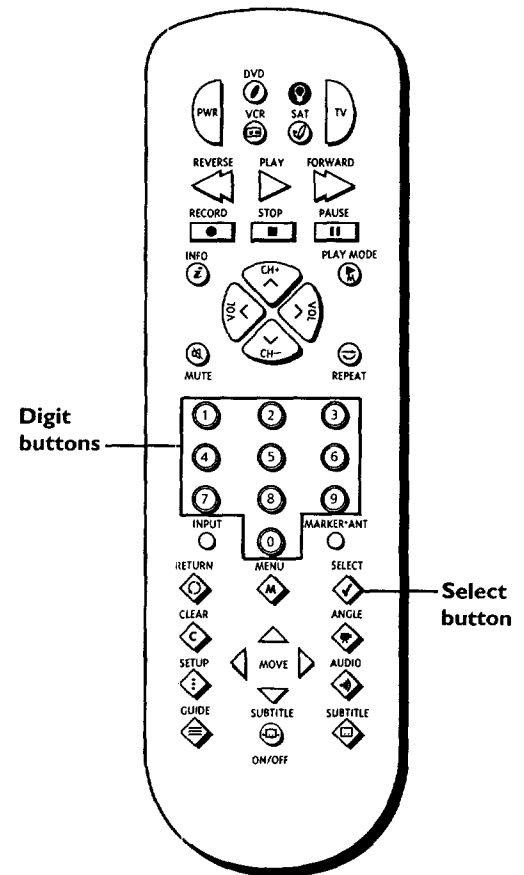
The rating level is locked. You must enter the 4-digit password shown to change the rating level.

UNLOCKING THE RATING LEVEL

In order to unlock the rating level, enter the four-digit password, and press SELECT.



You need to enter the 4-digit password before you can change the rating level.



SELECTING THE INITIAL AUDIO LANGUAGE

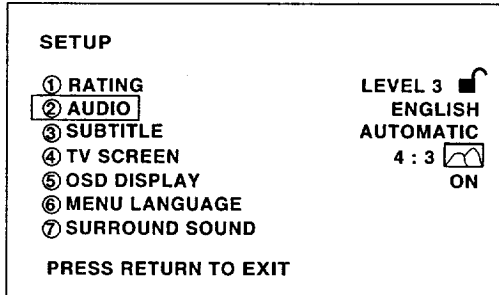
A DVD may contain the audio portion of the disc in a variety of languages. Use the Audio menu to select an initial language in which you want to hear a DVD's audio.

Remember Your Password

Once the Rating Level has been locked, you must enter your previous password to unlock and change the setting.

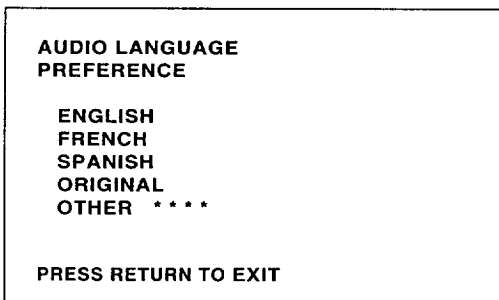
SELECTING THE INITIAL AUDIO LANGUAGE

1. Press the **SETUP** button on the remote control.



Select **AUDIO** from the Setup menu.

2. Use the **MOVE** arrows on the remote to highlight “**AUDIO**” and then press **SELECT**.



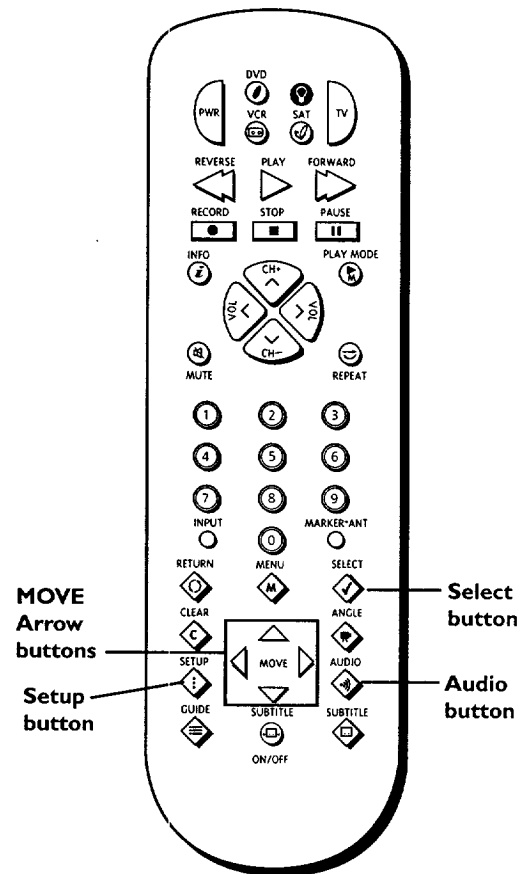
Select an initial audio language setting.

3. Use the **MOVE** arrows on the remote to highlight a language, and then press **SELECT**.

If the language you want is not listed, select “**OTHER**”, enter the appropriate code from the list of language codes at the end of this chapter, and press **SELECT**.

Notes:

- Some discs may not contain the language you select as your initial language; in that case, the disc will use its top-priority language setting.
- You can temporarily change the initial audio setting. Use **AUDIO** on the remote control (see “DVD Playback Features”).



The Original Language Setting

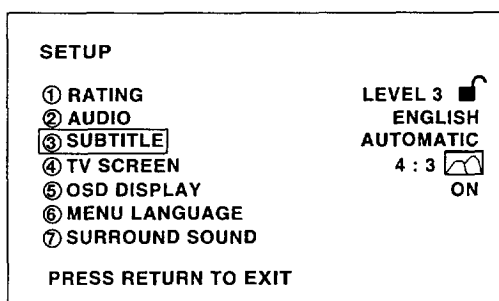
When you set the Audio language to “Original Language,” it tells the player that you want to hear the original language in which the disc is recorded. That way when people talk in a movie, the movement of their lips matches their words.

SELECTING THE INITIAL SUBTITLE LANGUAGE

SELECTING THE INITIAL SUBTITLE LANGUAGE

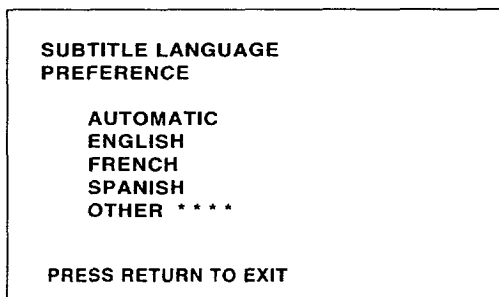
A DVD may contain subtitles in several languages. Use the Subtitle menu to select an initial language in which you want to view subtitles.

1. Press the **SETUP** button on the remote control.



Select **SUBTITLE** from the Setup menu.

2. Use the **MOVE** arrows on the remote to highlight "SUBTITLE" and then press **SELECT**.



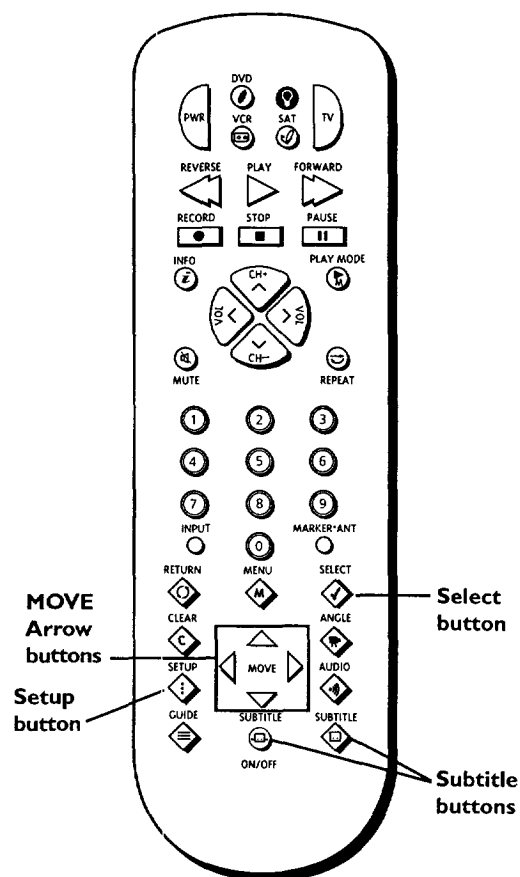
Select an initial subtitle language setting.

3. Use the **MOVE** arrows on the remote to highlight a language, and then press **SELECT**.

If the language you want is not listed, select "OTHER", enter the appropriate code from the list of language codes at the end of this chapter, and press **SELECT**.

Notes:

- Some discs may not contain the language you select as your initial language; in that case the disc will use its top-priority language setting.
- Make sure that the subtitle feature is on (press **SUBTITLE ON/OFF**) in order to view subtitling. You can temporarily change the initial subtitling setting by using the **SUBTITLE** button on the remote control (see "DVD Playback Features").



Automatic Subtitling

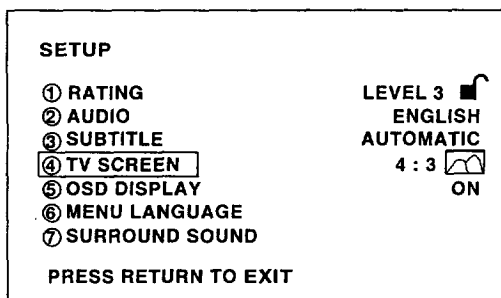
If you set the Subtitle Language to "Automatic," the subtitling feature automatically turns off when the initial audio language setting is available on the disc. If the initial audio language is not available, then subtitling in that language appears (if available on the disc).

SELECTING THE TV SCREEN SETTING

SELECTING THE TV SCREEN SETTING

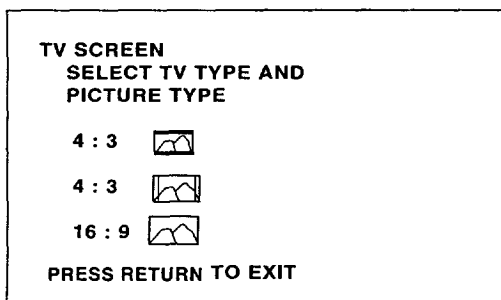
Depending on the type of television you have, you may want to adjust the screen setting (aspect ratio).

1. Press the **SETUP** button on the remote control.



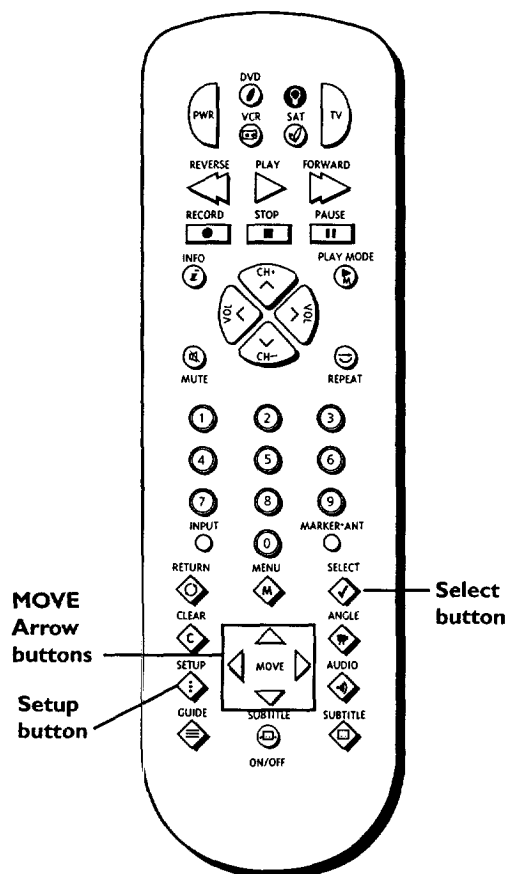
Select **TV SCREEN** from the Setup menu.

2. Use the **MOVE** arrows on the remote to highlight “TV SCREEN” and then press **SELECT**.



Select a TV screen setting to match your television.

3. Use the **MOVE** arrows on the remote to highlight a screen setting, and then press **SELECT**.



A LITTLE MORE ABOUT YOUR OPTIONS

4 : 3 (Letterbox)

Select this for conventional size TVs. The aspect ratio is selected according to the disc played. If the DVD is recorded in 16:9, black bars will appear at the top and bottom of the screen.

4 : 3 (Pan/Scan)

Select this for conventional size televisions. All video material is played to fit a 4:3 screen. If the DVD is recorded in 16:9, the right and left sides of the picture are cut out.

TURNING THE ON-SCREEN MESSAGES ON/OFF

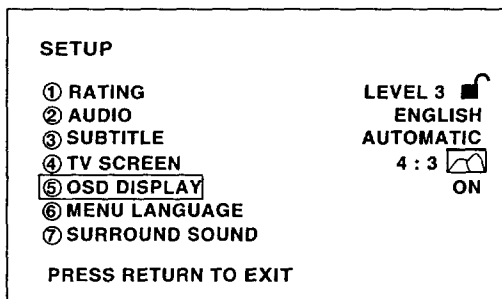
16 : 9  **(Widescreen)**

Select this for wide-screen televisions. If the DVD is recorded in 4:3, the left and right side of the screen will appear black.

TURNING THE ON-SCREEN MESSAGES ON/OFF

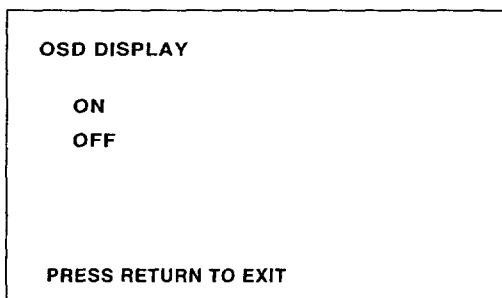
Use this feature to turn on or off the messages that appear on-screen when you use certain features.

1. Press the **SETUP** button on the remote control.



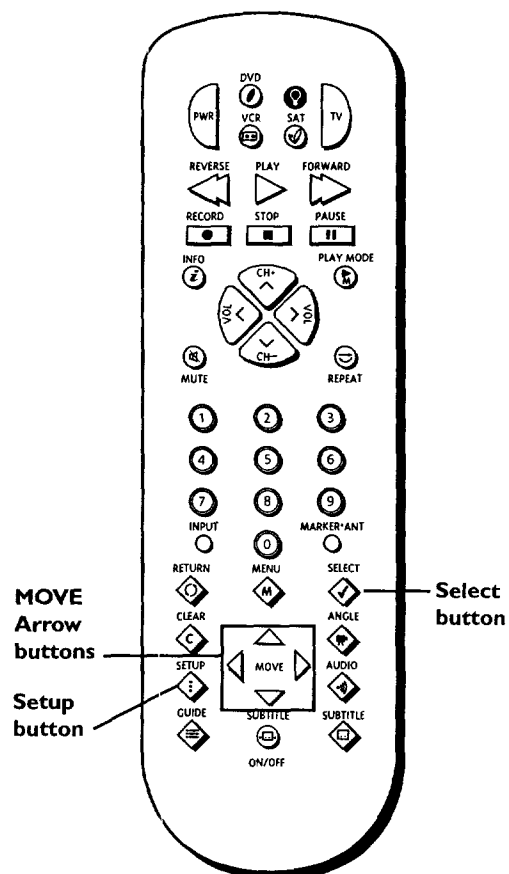
Select **OSD DISPLAY** from the Setup menu.

2. Use the **MOVE** up or down arrow on the remote to highlight "OSD DISPLAY" and then press **SELECT**.



Turn the **OSD display** feature **ON** or **OFF**.

3. Use the **MOVE** up or down arrow on the remote to highlight "ON" or "OFF" and then press **SELECT**.

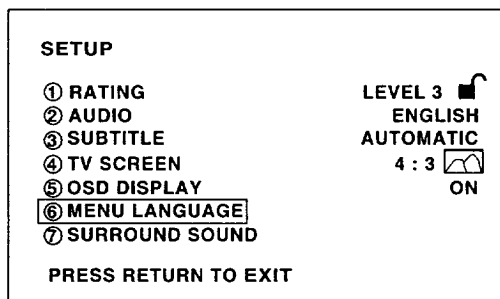


CHANGING THE MENU LANGUAGE

CHANGING THE MENU LANGUAGE

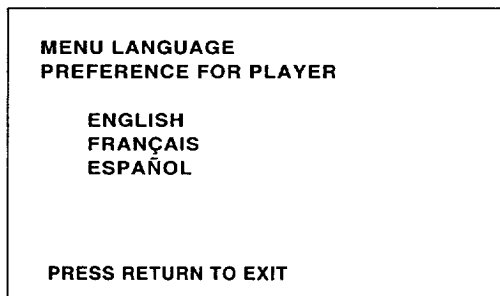
Use this feature to change the language for the on-screen menu system for the player and discs.

1. Press the **SETUP** button on the remote control.



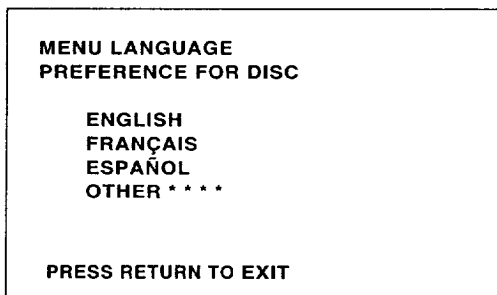
Select **MENU LANGUAGE** from the **SETUP** menu.

2. Use the **MOVE** arrows on the remote to highlight “**MENU LANGUAGE**” and then press **SELECT**.



Select a new menu language for the player.

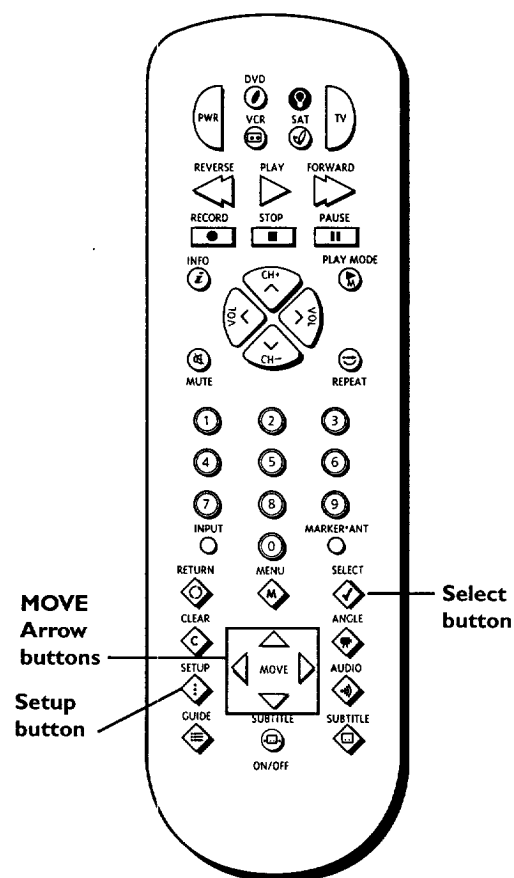
3. Use the **MOVE** arrows on the remote to highlight the desired language for the on-screen menu system, and then press **SELECT**.



Select a new menu language for the disc.

4. Use the **MOVE** arrows on the remote to highlight the desired language for disc menus, and then press **SELECT**.

If the language you want is not listed, select “**OTHER**”, enter the appropriate code from the list of language codes at the end of this chapter, and press **SELECT**.

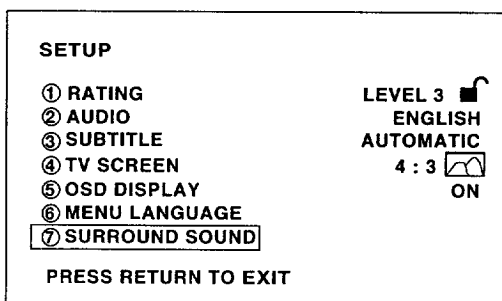


SETTING UP SURROUND SOUND SPEAKERS

SETTING UP SURROUND SOUND SPEAKERS

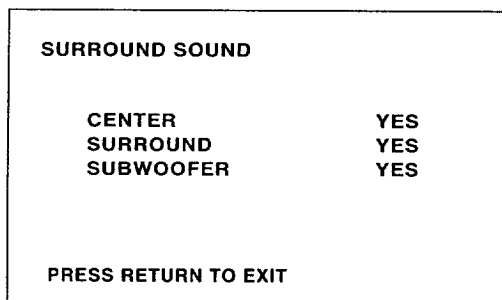
The DVD player has several AUDIO SURROUND jacks on the back. You can tell the player what speakers you have connected so you can get the best possible sound from your player.

1. Press the SETUP button on the remote control.



Select **SURROUND SOUND** from the Setup menu.

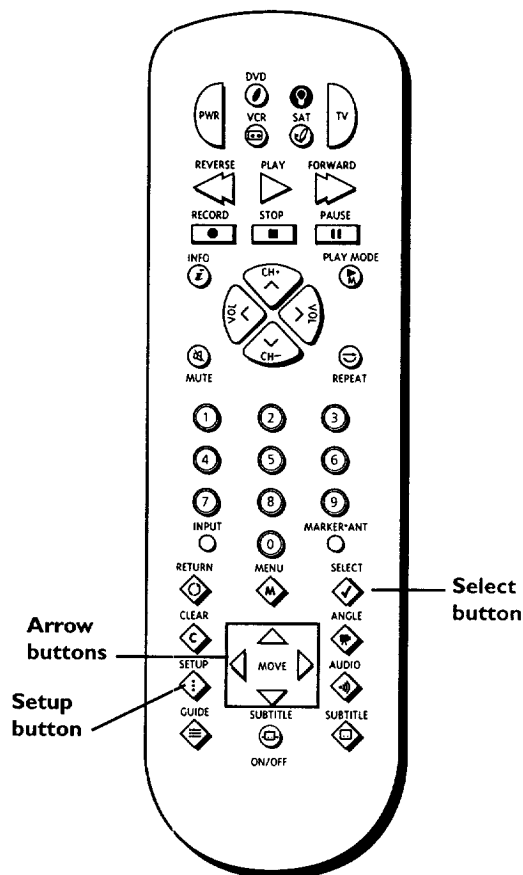
2. Use the MOVE arrows on the remote to highlight "SURROUND SOUND" and then press SELECT.



Tell the player which speakers you have connected.

3. Use the MOVE up or down arrow on the remote to highlight "CENTER, SURROUND, or SUBWOOFER" and then use the MOVE right or left arrow to select YES or NO.
 - Select NO for CENTER if you did not attach a center speaker.
 - Select NO for SURROUND (Rear) if you did not attach rear surround speakers.
 - Select NO for SUBWOOFER if you did not attach a subwoofer.

For example, if you connect your player as shown on page 14, answer YES to all three.



If you answer **NO** for any of the speakers, the sound for that speaker will be sent through the **FRONT SURROUND L and R** jacks on the back of the player.

LANGUAGE CODES

Don't forget to press the SELECT button after you enter the code.

Language	Code	Language	Code	Language	Code
Abkhazian	6566	Hungarian	7285	Russian	8285
Afar	6565	Icelandic	7383	Samoa	8377
Afrikaans	6570	Indonesian	7378	Sangho	8371
Albanian	8381	Interlingua	7365	Sanskrit	8365
Ameharic	6577	Interlingue	7369	Scots Gaelic	7168
Arabic	6582	Inupiak	7375	Serbian	8382
Armenian	7289	Irish	7165	Servo-Croatian	8372
Assamese	6583	Italian	7384	Sesotho	8384
Aymara	6588	Japanese	7465	Setswana	8478
Azerbaijani	6590	Javanese	7487	Shona	8378
Bashkir	6665	Kannada	7578	Sindhi	8368
Basque	6985	Kashmiri	7583	Singhalese	8373
Bengali; Bangla	6678	Kazakh	7575	Siswati	8383
Bhutani	6890	Kinyarwanda	8287	Slovak	8375
Bihari	6672	Kirghiz	7589	Slovenian	8376
Bislama	6673	Kirundi	8278	Somali	8379
Breton	6682	Korean	7579	Spanish	6983
Bulgarian	6671	Kurdish	7585	Sundanese	8385
Burmese	7789	Laothian	7679	Swahili	8387
Byelorussian	6669	Latin	7665	Swedish	8386
Cambodian	7577	Latvian, Lettish	7686	Tagalog	8476
Catalan	6765	Lingala	7678	Tajik	8471
Chinese	9072	Lithuanian	7684	Tamil	8465
Corsican	6779	Macedonian	7775	Tatar	8484
Croatian	7282	Malagasy	7771	Telugu	8469
Czech	6783	Malay	7783	Thai	8472
Danish	6865	Malayalam	7776	Tibetan	6679
Dutch	7876	Maltese	7784	Tigrinya	8473
English	6978	Maori	7773	Tonga	8479
Esperanto	6979	Marathi	7782	Tsonga	8483
Estonian	6984	Moldavian	7779	Turkish	8482
Faroese	7079	Mongolian	7778	Turkmen	8475
Fiji	7074	Naru	7865	Twi	8487
Finnish	7073	Nepali	7869	Ukrainian	8575
French	7082	Norwegian	7879	Urdu	8582
Frisian	7089	Occitan	7967	Uzbek	8590
Galician	7176	Oriya	7982	Vietnamese	8673
Georgian	7565	Oromo (Afan)	7977	Volapük	8679
German	6869	Panjabi	8065	Welsh	6789
Greek	6976	Pashto, Pushto	8083	Wolof	8779
Greenlandic	7576	Persian	7065	Xhosa	8872
Guarani	7178	Polish	8076	Yiddish	7473
Gujarati	7185	Portuguese	8084	Yoruba	8979
Hausa	7265	Quechua	8185	Zulu	9085
Hebrew	7387	Rhaero-Romance	8277		
Hindi	7273	Romanian	8279		

PROGRAMMING THE REMOTE CONTROL

This section tells you how to program your remote to control other components, such as a TV, VCR, or Satellite Receiver.

ABOUT THE DVD PLAYER

This section includes extra information about the DVD player, including a description of the front panel and front panel display, the back panel, and some basic use and care guidelines.

TROUBLESHOOTING

This short troubleshooting section will hopefully solve any problems that you might encounter with your DVD player.

LIMITED WARRANTY

The Limited Warranty includes information on getting service for your DVD player.

PROGRAMMING THE REMOTE CONTROL

CONTROLLING A TV

The DVD's remote is programmed to control the basic functions of a compatible ProScan, RCA, or GE TV. The remote can also be set up to control other manufacturer's brands. To program the remote, use the code that corresponds to your brand.

After you have programmed the remote, experiment with the buttons to see which ones operate your TV. Some of the basic buttons are described on page 54.

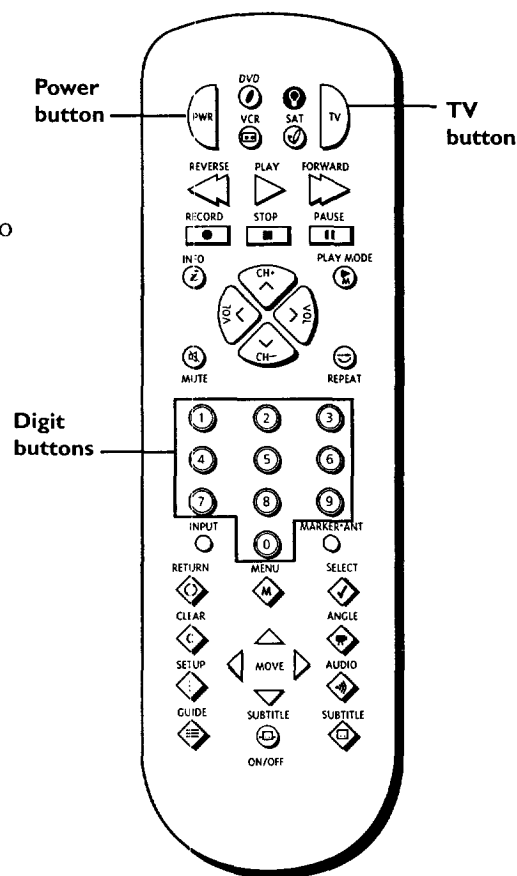
PROGRAM THE REMOTE FOR A TV

1. Turn on the TV.
2. Point the DVD's remote at the TV.
3. Hold the TV button and press three digits for your brand.
4. Release the buttons.
5. Press PWR on the remote. If the TV turns off, setup is complete.
6. Repeat steps 2 - 4 with three other buttons if the first ones do not work.

OPERATE THE TV

After you have set up your remote to control your TV, test the TV buttons to see which ones operate your TV.

1. Point the remote at the TV and press TV.
2. If TV does not turn on in step 1, press TV and then PWR.
3. Use the "TV Function Buttons" described on page 54 to operate the TV.



The remote may not be able to control every TV model of the brands listed.

PROGRAMMING THE REMOTE CONTROL

TV Codes					
Brand	Code	Brand	Code	Brand	Code
A-Mark	102	JBL	013	RCA	000,006,011,019,027,034, 038,044,046,088,100,101,109
Admiral	005,114	JC Penney	000,008,011,019,027,040, 068,077,086,088	Realistic	021
Amtron	064	Jensen	011,027	Sampo	011,027
Akai	002,103	JVC ...	012,024,036,037,040,048,051,074	Samsung	006,011,014,015,019 027,036,037,077,110
Anam	104,105	Kawasho	002,011,027	Sanyo	017,021,039,056,057,058
Anam National	038,106	Kenwood	006,011,014,027	Scott	028,037,064
AOC	011,019,027,088,107	Kloss Novabeam	035,043	Sears	000,006,011,014,017,018,021, .. 023,027,039,040,041,051,071,083,095
Bell & Howell	005,013	KTV	078	Sharp	011,020,025,027,037 052,053,059,060,108
Candle	011,027,033	Loewe	013	Signature	005,094,108
Citizen	011,027,033,064	Luxman	011,027	Sony	002
Colortyme	011,027,084	LXI	000,013,018,021,023,054	Soundesign	011,027,033
Concerto	011,027	Magnavox	006,007,010,011,013,016, 027,033,035,043,049,066,087,089	Sylvania	006,007,010,011,013,016, 027,033,035,043,049,066,087,089
Contec/Cony	036,037,040,042,064	Marantz	011,013,027,069	Symphonic	064,076,115
Craig	064	Memorex	005	Tatung	038
Curtis Mathes	000,011, 015,027,037	MGA	006,011,014,019,022, 027,041,056,061,068	Technics	012
CXC	064	Mitsubishi	006,011,014,019,022, 027,041,055,056,061,068,108	Techwood	011,027
Daewoo	011,019,027,112,116	MTC	011,019,027	Teknika	011,019,027,033,036, 037,040,066
Daytron	011,027	Multivision	081	Telecaption	090
Dimensia	000	NAD	018,023	TMK	011,027
Electrohome	006,011,014,027,038, 061,068	NEC	011,014,019,027,038,084	Toshiba	018,021,023,040,071, 077,085,090
Emerson	011,026,027,028,029,030, 031,032,037,042,053,064,065,067, 075,076,078,079,094,095,096	Panasonic	012,013,038,086,111	Universal	008,009
Envision	011,027	Philco	006,007,010,011,013,016,019, 027,033,035,037,038,043,087,089	Victor	051
Fisher	017,021,039,041	Philips	002,006,007,010,011,013,016, 033,035,037,038,043,066,073	Vidtech	019,027
Funai	064	Pioneer	011,027,045,062,093,113	Wards	000,005,006,007,008 009,010,011,013,019,025,027,028, 035,043,059,066,076,082,089
GE	000,008,009,011,012,027, 038,068,086,089,091,116	Portland	011,019,027,037	Yamaha	006,014,019,027
Goldstar	003,004,006,011,019, 027,037,050	ProScan	000	Zenith	001,099,114
Hallmark	011,027	Proton	011,027,037,072		
Hitachi	009,011,027,036,037,040, 047,048,063,080,094,097,098	Quasar	012,038,092,111		
Infinity	013	Radio Shack	000,021,025,036,037, 059,064,078		

PROGRAMMING THE REMOTE CONTROL

TV FUNCTION BUTTONS

Press the TV button to set remote to control a compatible TV. Some buttons may not work with every TV.

(Buttons Listed in Alphabetical Order)

CH+ or - Use to select the next higher or lower channel in the TV's memory.

CLEAR Use to remove menus or status displays from the screen.

INFO Shows status displays on the screen or removes menus or displays from the screen.

MARKER•ANT Switches the antenna input signal on TV's with dual antenna feature.

MENU Use to display a menu on the TV screen.

MOVE Arrows Use to move through the menus, enter data, and change the settings of selected features.

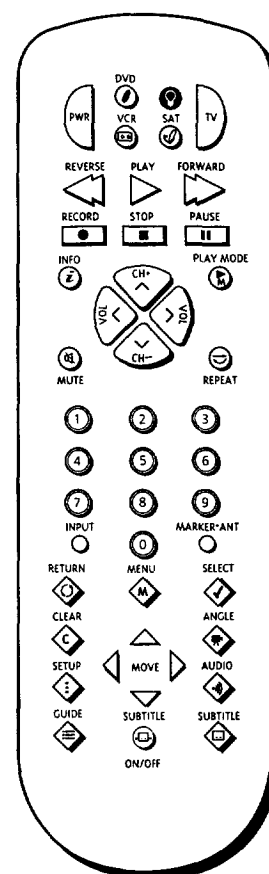
MUTE Reduces sound to a minimal level. Restores sound to original level.

Digits (0 through 9) Select a channel up to 99 using two digit buttons. Select a cable channel over 99 by pressing and holding 1 until 1-- appears. Then press the other two digits.

PWR Turns off a compatible TV when remote is set to control TV. Press twice to turn off all compatible components.

RETURN Switches between two channels.

VOL Up and Down Raises and lowers sound.



PROGRAMMING THE REMOTE CONTROL

CONTROLLING A SATELLITE RECEIVER

The SAT button on the remote is programmed to control the primary functions of a ProScan, RCA, or GE satellite receiver.

REPROGRAM THE REMOTE TO OPERATE YOUR SATELLITE RECEIVER

If the SAT button accidentally gets its programming changed, use the codes below to reprogram it to operate a ProScan, RCA, or GE satellite receiver.

1. Turn on the satellite receiver.
2. Point the DVD's remote at the component.
3. Hold the SAT button and use the digit button to enter the correct code.
4. Release the buttons.
5. Press PWR on the remote. If the satellite receiver turns off, reprogramming is complete.

OPERATE THE SATELLITE RECEIVER

1. Point the remote at the satellite receiver and press SAT.
2. Try the buttons to see which ones operate the satellite receiver.

SATELLITE RECEIVER FUNCTION BUTTONS

(Buttons Listed in Alphabetical Order)

Press the SAT button to set the remote to control a compatible receiver. If you have a compatible receiver, test the buttons to see which buttons operate the receiver. Some buttons may not work with every receiver.

CH+ and - Use to select next higher or lower channel.

CLEAR Use to remove menus from the TV screen.

Digits (0 through 9) Use to select a channel and menu items.

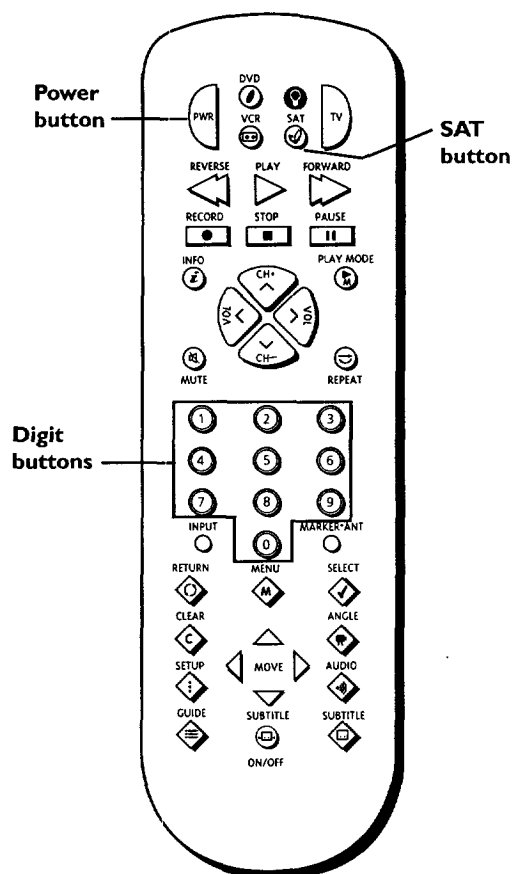
INFO Use to select menu items and display information.

MENU Use to display menus and select menu items.

MOVE Arrows Use to scroll through the menus and select menu items.

PWR Turns off a compatible satellite receiver when remote is set to control it. Press twice to turn off all compatible components.

RETURN Use to return to the last channel selected.



Satellite Receiver Codes		
RCA	000	
ProScan	000	
GE	000	

PROGRAMMING THE REMOTE CONTROL

CONTROLLING A VCR

The DVD's remote is programmed to control the basic functions of a compatible ProScan, RCA, or GE VCR. The remote can also be set up to control other brands. To program the remote, use the code that correspond to your brand.

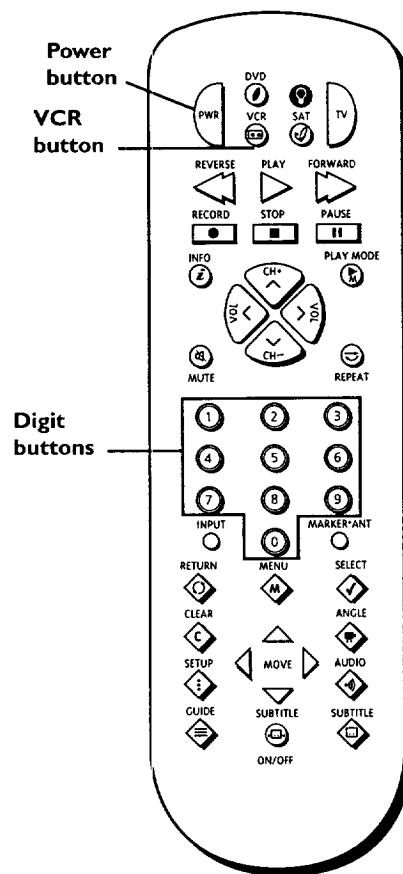
PROGRAM THE REMOTE FOR A VCR

1. Turn on the VCR.
2. Point the DVD's remote at the VCR.
3. Hold the VCR button and press three digits for your brand.
4. Release the buttons.
5. Press PWR on the remote. If the VCR turns off, setup is complete.
6. Repeat steps 2 - 4 with three other buttons if the first ones do not work.

OPERATE THE VCR

After you have set up your remote to control your VCR, test the VCR buttons to see which ones operate your VCR.

1. Point the remote at the VCR and press VCR.
2. If VCR does not turn on in step 1, press VCR and then PWR.
3. Use the "VCR Function Buttons" described on the previous page.



The remote may not be able to control every TV model of the brands listed.

PROGRAMMING THE REMOTE CONTROL

VCR Codes					
Brand	Code	Brand	Code	Brand	Code
Admiral	006,079	JC Penney	002,005,007,008,	RCA	000,005,007,008,
Aiwa	015	.....	014,016,030,035,051,053	.....	028,035,037,054,069
Akai	003,017,022,023,063,066	JVC	002,014,	Radio Shack/Realistic	002,006,
Audio Dynamics	014,016	.....	016,030,046,074	.....	008,009,012,015,
Bell & Howell	002	Kenwood	002,014,	.....	019,027,043,053
Broksonic	010	.....	016,030,044,046	Samsung	007,013,022,032,042
Candle	007,009,013,	KLH	073	Sansui	016,071
.....	044,045,046,052	Lloyd	015	Sanyo	002,012
Cannon	008,053	Logik	031	Scott	004,013,041,049,068
Capehart	001	Magnavox	008,029,053,056	Sears	002,005,009,012
Citizen	007,	Marantz	002,008,014,	.....	018,019,035,043,048
.....	009,013,044,045,046,052	.....	016,029,030,044,046,061	Sharp	006,024,027,039,045
Colortyme	014	Marta	009	Shintom	017,026,031,055
Craig	007,012	MEI	008	Signature	015
Curtis Mathes	000,007,008,	Memorex	008,009,012,015	Sony	017,026,038
.....	014,015,044,046,053,064,067	MGA	004,027	Sylvania	008,015,029,053,056
Daewoo	013,045,052,076	Midland	032	Symphonic	015
DBX	014,016	Minolta	005,035	Tandy	002,015
Dimensia	000	Mitsubishi	004,005,027,035,040	Tashiko	009
Dynatech	015	Montgomery Ward	006	Tatung	030
Electrohome	027	MTC	007,015	Teac	015,030,069
Emerson	008,009,	Multitech	007,015,031,032	Technics	008
.....	010,013,015,020,023,027,	NEC	002,014,016,030,	Teknika	008,009,015,021
.....	034,041,042,047,049,057,	.....	044,046,059,061,064	Toshiba	005,013,019,048,049
.....	062,065,067,068,070	Panasonic	008,053,075,077	Totevision	007,009
Fisher	002,012,018	Pentax	005,035,044	TMK	067
.....	019,043,048,058	Pentex Research +	046	Unitech	007
Funai	015	Philco	008,029,053,056	Vector Research	014,016,044
GE	000,007,	Philips	008,029	Victor	016
.....	008,032,037,053	Pioneer	005,016,	Video Concepts	014,016,044
Goldstar	009,014,046,060	.....	033 (laserdisc),050	Videosonic	007
Harman Kardon	014	Portland	044,045,052	Wards	005,006,007,008,009
Hitachi	005,015,035,036	ProScan	000	.....	012,013,015,025,027,031,035
Instant Replay	008	Quartz	002	Yamaha	002,014,016,030,046
JCL	008	Quasar	008,053	Zenith	011,017,026,072,079

PROGRAMMING THE REMOTE CONTROL

VCR FUNCTION BUTTONS

Program your remote control to control your VCR as described on the next page. Then test the VCR buttons to see which ones operate your VCR.

Press the VCR button to set remote to control a compatible VCR. Some buttons may not work with every VCR.

(Buttons Listed in Alphabetical Order)

CH+ and - Use to select the next higher or lower channel in the VCR's memory.

CLEAR Use to reset time counter to 0:00:00.

FORWARD Use to forward the tape when the VCR is stopped. It also searches the picture in forward motion during playback.

INFO Shows VCR operating displays on the TV screen.

INPUT Use to select the line input.

MARKER•ANT Switches picture signal so that it either comes from the VCR or the TV channel. (Same as TV•VCR button.)

MENU Displays and removes the VCR's menus on the TV screen.

MOVE Arrows Allows you to move through the menus, enter data and change settings of selected features.

Digits (0 through 9) Select a channel using the digit buttons. Select a cable channel over 99 by pressing and holding 1 until 1-- appears. Then press the other two digits.

PAUSE Use to pause the action during playback or recording.

PLAY Plays a tape.

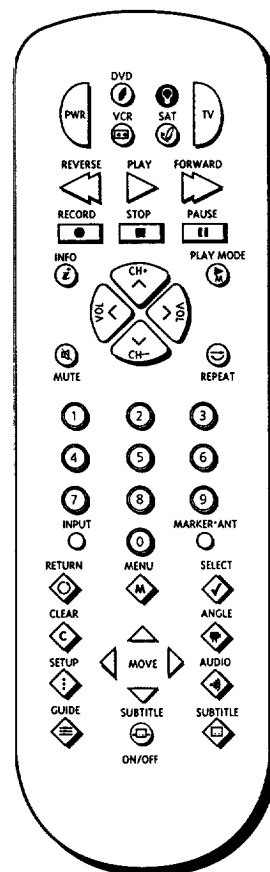
PWR Use to turn off VCR when remote is set to control it. Press twice to turn off all compatible components.

RECORD Starts VCR recording.

RETURN Switches between two channels.

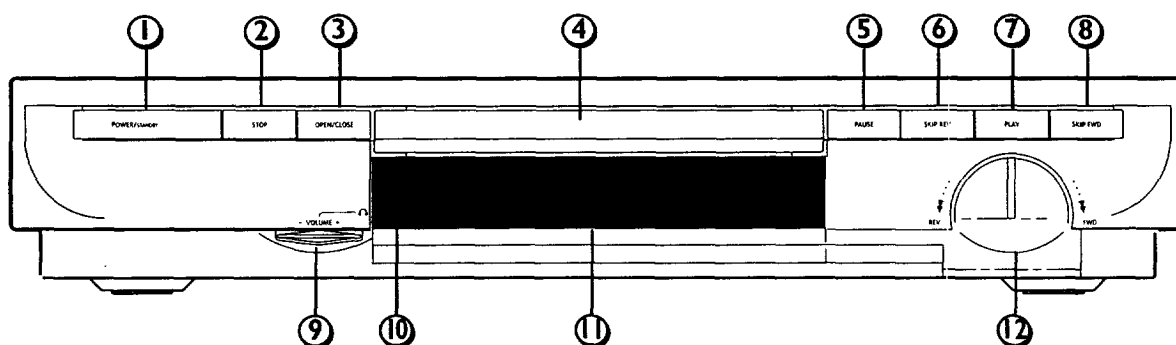
REVERSE Use to rewind the tape when the VCR is stopped. It also searches the picture in reverse during playback.

STOP Stops the normal functions, such as record, playback, rewind, fast forward, and pause.



FRONT PANEL CONTROLS

FRONT PANEL CONTROLS



1. **POWER Button and STANDBY Indicator Light** Use to turn the power on and off. The STANDBY indicator lights when the power is turned off and the player is connected to an AC power supply.
2. **STOP** Stops disc play.
3. **OPEN/CLOSE** Press to open and close the disc tray.
4. **Disc Tray** Press OPEN/CLOSE to open and close the disc tray.
5. **PAUSE** Pauses disc play (also use for frame advance).
6. **SKIP REV** Allows you to move to the beginning of the preceding title, chapter, or track on a disc (in effect, "skipping" the title, chapter, or track).
7. **PLAY** Begins disc play (and closes disc tray if open).
8. **SKIP FWD** Allows you to move to the beginning of the next title, chapter, or track on a disc (in effect, "skipping" the title, chapter, or track).
9. **VOLUME** Use to adjust headphone volume level.
10. **Headphone Jack** You can attach headphones here for private listening.
11. **Front Panel Display** (See following page for details.)
12. **REV and FWD Dial** Allows you to search in reverse or forward during the play mode. The speed of the search increases the farther the dial is turned.

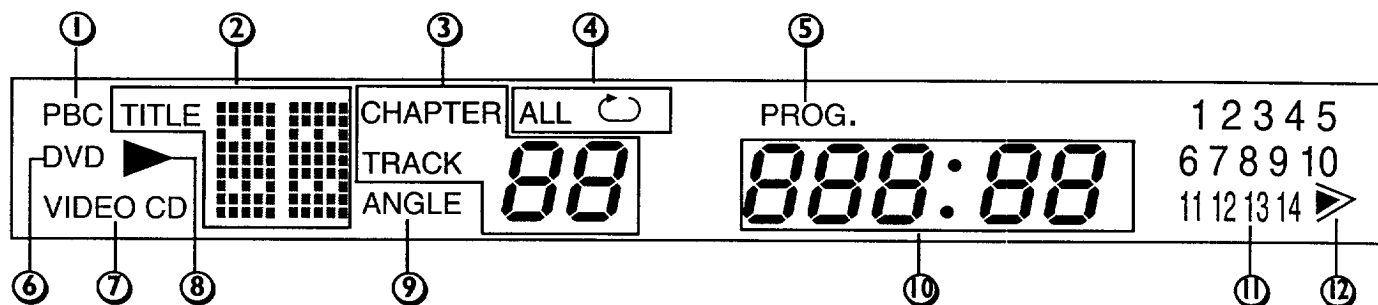
FRONT PANEL MESSAGES

The following messages appear in the display:

- OPEN** The disc tray is open.
- CLOSE** The disc tray is being retracted.
- NO DISC** No disc is loaded.
- OFF** Power has been turned off.

FRONT PANEL DISPLAY

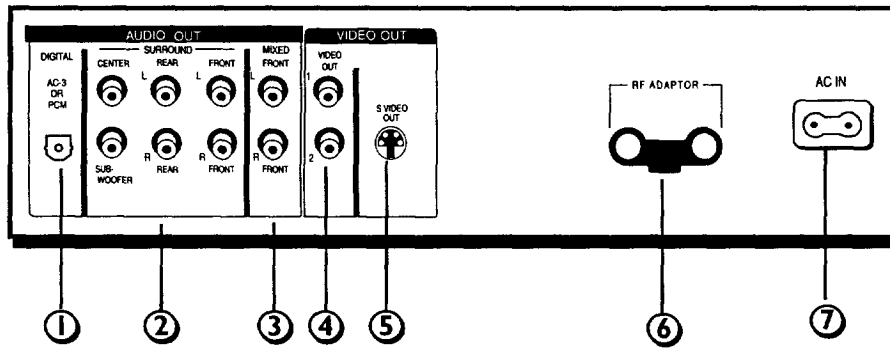
FRONT PANEL DISPLAY



1. Displayed when the Video CD is played using the menu (for example, with playback control).
2. Indicates the Play modes or the title number of a DVD.
3. Indicates the chapter number for a DVD.
Indicates the track number for an Audio or Video CD.
4. Indicates Repeat Play modes: indicates chapter or track repeat.
ALL indicates all disc repeat.
5. Indicates Program Playback mode.
6. Indicates that a DVD is loaded.
7. Indicates that a Video CD or CD (Audio) is loaded.
8. Indicates Playback mode.
9. Indicates that the angle feature is active.
10. Indicates time (i.e. elapsed time of playback).
11. Shows the chapter or track numbers on a disc.
 - Prerecorded chapter or track numbers are displayed.
 - When playback of a chapter (or track) is finished, its corresponding number is turned off.
12. indicates that a disc contains 15 or more chapters or tracks.
 appears if the 15th (or subsequent) chapter or track is being played.

BACK PANEL

BACK PANEL



1. **DIGITAL (AC-3 or PCM) Connector** Use to connect a Dolby Digital receiver or decoder having a compatible AC-3 or PCM jack for best sound quality.
2. **AUDIO OUT SURROUND Jacks** Use audio cables to connect these jacks to an audio/video receiver that has matching Audio input jacks for best sound quality. Use the Surround Sound menu to set up your player for these jacks.
CENTER Connect to the Center input jack.
FRONT R / L Connect to the Front R/L Audio input jacks.
REAR R / L Connect to the Rear R/L (Surround) input jacks.
SUBWOOFER Connect to the Subwoofer input jack (or to a subwoofer).
3. **AUDIO OUT MIXED FRONT R / L Jacks** Connect to the R/L Audio input jacks of your television, audio/video receiver, or VCR.
4. **VIDEO OUT Jacks** Use a video cable to connect one of these jacks to the Video input on your television for a good quality picture.
5. **S-VIDEO OUT Jack** Use the S-Video cable to connect this jack to the S-Video jack on your television for the best picture quality.
6. **RF ADAPTOR Connector** Use an optional RF output adaptor to connect the player to a television that does not have Audio/Video inputs.
7. **AC IN Connector** Connect the AC power cord here.

CARE AND MAINTENANCE

HANDLING CAUTIONS

- Before connecting other components to this player, be sure to turn them all off.
- Do not move the player while a disc is being played, or the disc may be scratched or broken, and the player's internal parts may be damaged.
- Do not put a flower vase filled with water or any small metal objects on the player.
- Be careful not to put your hand into the disc tray.
- Do not place anything other than the disc in the disc tray.
- Exterior influences such as lightning and static electricity can affect normal operation of this player. If this occurs, turn the player off and on again with the POWER button, or disconnect and then reconnect the AC power cord to the AC power outlet. The player will operate normally.
- Be sure to remove the disc and turn off the player after use.
- Disconnect the AC power cord from the AC outlet when you don't intend to use the player for long periods of time.

MAINTENANCE OF CABINET

For safety reasons, be sure to disconnect the AC power cord from the AC outlet.

- Do not use benzene, thinner, or other solvents for cleaning.
- Wipe the cabinet with a soft cloth.

FORMATION OF CONDENSATION

Due to sharp changes in temperature and humidity, condensation may form if warm air comes in contact with any cold parts inside the player.

- When condensation forms inside the player, the player may not operate correctly. If this occurs, leave the player at room temperature until the inside of the player becomes dry and operational.
- If condensation forms on a disc, wipe the disc with a soft and dry cloth by moving the cloth from the center hole toward the outer edge.

TROUBLESHOOTING

Common Problem	Solution
No Power	Insert the power cord's plug securely into the outlet and the cord's AC IN plug to the AC IN connector on the back of the player.
Power turns itself off	The power is automatically turned off after approx 30 minutes have elapsed in the stop mode (auto power-off feature). Turn power back on.
Play fails to start, even when PLAY is pressed	<ul style="list-style-type: none"> • Ensure that the disc is installed with the label side facing up. • This player plays only DVD discs, Audio CDs and Video CDs.
Play commences but then stops immediately	<ul style="list-style-type: none"> • The disc is dirty. Clean it. • Condensation has formed. Allow player to dry out.
No picture	<ul style="list-style-type: none"> • Ensure that the equipment is connected properly. • Turn on the TV's power. • Ensure that the input setting for the TV is correct.
Picture is distorted during forward and reverse scan	<ul style="list-style-type: none"> • The picture will be somewhat disturbed at these times. This is normal.
No sound or distorted sound	<ul style="list-style-type: none"> • Ensure that the equipment is connected properly. • Ensure that the input settings and the volume adjustment for the TV and/or receiver are correct. • No sound is heard during still, frame advance, or slow-motion play. • Make sure you have connected the correct SURROUND OUT jacks to a receiver or television. Be sure to setup the player for these jacks using the Surround Sound menu.
No operations can be performed with remote	<ul style="list-style-type: none"> • Check the batteries in the remote. May need replacing. • Operate the remote control at a distance of no more than 20 feet. • Remove any obstacles between the remote and the DVD player or other component. • Remote may need to be reprogrammed for DVD player. Hold down DVD button and enter 078. • Remote may need to be reprogrammed to operate other components after batteries have been changed. • Remove batteries and hold down one or more buttons for several minutes to drain the microprocessor inside the remote to reset it. Reinstall batteries and try remote again.

TROUBLESHOOTING

TROUBLESHOOTING

DVD Problem	Solution
Subtitle and/or audio language is not the one selected from the initial setting	If the subtitle and/or audio language does not exist on the disc, the initial settings will not be seen/heard. The disc's priority language is selected instead. Set the subtitle and or audio language initial setting manually.
No on-screen display	The OFF setting is selected for OSD Display; select ON in the Setup menu.
The menu is displayed in a foreign language	The Menu Language preference is set to that language. Go to the Setup menu and select the language you prefer. Set the Start Up Language menu to ON to have the player remember the language you selected.
Play doesn't begin when a title is selected	The rating level has been set and the disc is subject to that restriction.
No forward or reverse scan	Some DVDs have sections that prohibit rapid scanning.
Disc won't play	Both the player and the DVD is coded by region. If the regional codes don't match, the disc cannot be played. This player is Code 1.
Desired angle cannot be changed	Some DVDs do not have the multi-camera angle system, and some discs have it only on certain portions.
Picture is not displayed with correct aspect ratio	Make sure the TV SCREEN feature in the Setup menu is set correctly for your television.
Forgot Rating Limit Password	With the power on, press and hold the SKIP REV, PAUSE, and POWER buttons on the player. This resets the password feature and all other settings to the initial factory settings. INITIALIZED appears on the TV screen. You may be required to select a menu language the next time you power up.
Cannot copy discs to video tape	This player is equipped with anticopy protection.

Self-Diagnostic Message	Solution
U 11	The disc is dirty. Wipe the discs with a soft cloth.
H	When you see a code that begins with "H", it means that the unit is not functioning properly. Turn the unit off and on again by pressing POWER twice or unplug the AC power cord from the wall outlet, and then plug the unit back in. This will make the unit operate normally if external electrical influences such as lightning or static electricity have affected the operation of the unit.

LIMITED WARRANTY

WHAT YOUR WARRANTY COVERS:

- Any defect in materials or workmanship.

FOR HOW LONG AFTER YOUR PURCHASE:

- 90 days - Unit exchange, which includes parts and labor.
- 91 days to 1 year - Unit exchange, which includes parts only; you pay the labor.
- The warranty for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.

WHAT WE WILL DO:

During the initial 90 days:

Exchange the DVD unit with a new or, at our option, refurbished unit.

After the 90 days and within one year:

Exchange the DVD unit with a new or, at our option, refurbished unit. We will bill you a flat exchange charge to replace a defective unit. This charge covers the labor cost for its repair.

HOW YOU GET SERVICE:

- Call 1-800-311-9263 and have your unit's date of purchase and model/serial number ready. The model/serial number information is on the back of your unit.
- A representative will troubleshoot your problem over the phone.
- If the representative determines that you should receive a replacement unit you will be provided with a Return Authorization (RA) number and the location of a nearby exchange point if one exists. No returns will be accepted without the RA number.

TO RECEIVE A REPLACEMENT UNIT BEFORE YOU RETURN YOURS:

If you are located near an exchange point:

1. We will send a replacement unit to our exchange point.
2. The exchange location will notify you of its arrival.

LIMITED WARRANTY

3. Take your unit and your evidence of purchase date, such as a bill of sale, to the exchange location and you will be provided the new or refurbished unit. Please retain all accessories such as the remote control hand unit.
4. If the repairs are covered by your warranty, you will not be billed.

If you are not located near an exchange point:

1. Provide your Discover, MasterCard or Visa account number and expiration date to your phone representative. This is for security purposes only and your account will not be charged at this time.
2. We will send you a replacement unit.
3. If you return the unit to us within 14 days from the date you were provided a Return Authorization number, only items not covered by warranty will be charged to your account. **If your unit is not received within 14 days, the suggested retail value of the unit will be charged to your credit card. This amount will be credited if the unit is subsequently received.**
4. Ship your defective unit back to us using the replacement unit's carton. Shipping instructions will be included on the carton along with your RA number which will allow you to easily ship the unit back to us. Make sure you insure your shipment in case of damage or loss. Include with the shipment:
 - Evidence of purchase date such as a bill of sale, to verify your unit's warranty eligibility.
 - A brief note describing your unit's problem.
 - Your name, address and phone number.

Thomson assumes no responsibility of warranty shipments from the customer to the factory if not shipped in the manner prescribed by Thomson.

Return transportation, storage, handling and insurance costs are your responsibility. We accept no responsibility in case of damage or loss.

TO RECEIVE A REPLACEMENT UNIT AFTER WE HAVE RECEIVED YOUR UNIT:

- Write the RA number on the outside of the carton used to return the unit. Make sure you insure your shipment in case of damage or loss.
- Carefully pack the unit using the original box and packing material if possible. Please retain all accessories that were included with your unit such as the remote control hand unit.
- Include with the shipment:
 1. Evidence of purchase date such as a bill of sale, to verify your unit's warranty eligibility.
 2. A brief note describing your unit's problem.
 3. Your name, address and phone number.

LIMITED WARRANTY

- Include a cashier's check or money order for payment if there are any out of warranty labor or parts charges which were indicated by the representative, and you elect not to use your credit card.
- After we receive your product, a new or refurbished unit will be shipped to you.

WHAT YOUR WARRANTY *DOES NOT* COVER:

- Acts of God, such as but not limited to lightning damage.
- Adjustment of customer controls.
- Damage from misuse or neglect.
- A unit that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- Batteries.
- Units purchased or serviced outside the U.S.A.
- Shipping damage if the unit was not packed and shipped in the manner prescribed by Thomson.
- Storage fees may be charged by the exchange point if you fail to pickup the replacement unit in a timely manner.

PRODUCT REGISTRATION:

- Please complete and mail the Product Registration Card packed with your DVD product. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

HOW STATE LAW RELATES TO WARRANTY:

- This warranty gives you specific legal rights and you may have other rights that vary from state to state.

IF YOU PURCHASED YOUR PRODUCT OUTSIDE THE UNITED STATES:

- This warranty does not apply. See your dealer for warranty information.

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PROSCAN

We are committed to your complete satisfaction and viewing enjoyment.
Any time you have a question or want information about your ProScan
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 **THOMSON CONSUMER ELECTRONICS**

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